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ABSTRACT

This teacher guide provides resources for teaching about agriculture. The content of the book is divided into three sections. Section 1, "California Foundation for Agriculture in the Classroom Programs, Services, and Instructional Materials," provides information on the conferences, workshops, lesson plans, summer programs, and newsletters offered by CFAITC. Section 2, "Educational Resources on Agriculture," includes a list of available resources with the contact information of organizations. Section 3, "Additional Agricultural Facts and Information," includes booklists, phone numbers, quizzes, field trip ideas, and Web site information. (YDS)

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2002 Teacher Resource Guide

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A Guide to Educational Materials About Agriculture

California Foundation for Agriculture in the Classroom

SE 066 465

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THE TEACHER RESOURCE GUIDE

Provided **free** to California public and private school educators.

Cost to others outside of California is $5.00 which includes shipping and handling.

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2002 Teacher Resource Guide

A Guide to Educational Materials About Agriculture

California Foundation for
Agriculture in the Classroom

2300 River Plaza Drive
Sacramento, CA 95833-3293

(916) 561-5625 ✈ (800) 700-AITC
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Web site: www.cfaitc.org

California Foundation for
Agriculture in the Classroom

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with assistance from
CFAITC's Educational Resources Committee which includes agriculturalists, educators, technical experts, CFAITC staff, and other interested individuals who encourage the agricultural literacy of today's youth.

The California Foundation for Agriculture in the Classroom, a nonprofit 501(c)(3) educational foundation, provides educators with low cost and free materials, training, and information to promote student understanding of California agriculture.

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How To Use This Book

How can I make my lessons seem real to my students?

How can I make my lessons fun and exciting?

Use lessons that relate to AGRICULTURE!

Materials for teaching about agriculture are plentiful. This *2002 Teacher Resource Guide* provides you with a variety of resources to use with your students. Take a look inside. We are certain you will find an abundance of useful resources!

The *2002 Teacher Resource Guide* is divided into three sections:

Section 1: **California Foundation for Agriculture in the Classroom Programs, Services, and Instructional Materials** provides information about the conferences, summer programs, newsletters, and lesson plans provided by the California Foundation for Agriculture in the Classroom.

Section 2: **Educational Resources on Agriculture** lists resources from various entities on specific topics and commodities. Contact these organizations regarding the resources listed, or ask representatives specific questions about their subject matter.

Section 3: **Additional Agricultural Facts and Information** includes agricultural Web sites, county agricultural information, phone numbers, booklists, a reproducible California agriculture quiz, and more!

As always, the California Foundation for Agriculture in the Classroom (CFAITC) likes to hear from individuals who use our resources. An evaluation form and a resource recommendation page are located at the back of this guide. Completing and returning these forms will help make the 2003 edition of the *Teacher Resource Guide* better than ever! These pages also include an order form for next year's *Teacher Resource Guide*. We look forward to sending you next year's edition!

Thank you for your interest in educating others about agriculture!

Section 1

California Foundation for Agriculture in the Classroom

Programs, Services, and Instructional Materials

CFAITC Introduction

CFAITC Programs

CFAITC Instructional Materials Subject Matter Matrix

CFAITC Instructional Materials

CFAITC Instructional Materials Order Form

California Heartland Order Form

California Country Order Form

An Introduction to California Foundation for Agriculture in the Classroom

CFAITC

What is Agriculture in the Classroom (AITC)?

Agriculture in the Classroom is designed to help students, kindergarten through twelfth grade, acquire the knowledge needed to become agriculturally literate. Through various programs and resources, educators are encouraged to teach more about agriculture and the role it plays in our economy and society.

What is the California Foundation for Agriculture in the Classroom (CFAITC)?

The California Foundation for Agriculture in the Classroom (CFAITC), a 501(c)(3) nonprofit educational foundation, provides educators with low cost and free materials, training, and information to promote student understanding of California agriculture.

Why is it important to teach my students about agriculture?

Although less than two percent of our nation's population is directly involved in agricultural production, a healthy agricultural system is vital to everyone's daily life. Agriculture provides the basic necessities of food, clothing, and shelter, yet many of us take for granted the ease with which we obtain these items. Additionally, the important economic impact of agriculture in California, the United States and the world is often not realized.

Do other teachers use AITC?

Educators at all levels, from classroom teachers to administrators, use or support the use of AITC in both rural and urban areas. AITC programs and materials are reviewed by CFAITC's Educational Resource Committee to determine that their content is accurate and appropriate for classroom use.

How do I get started?

Numerous resources are available about agriculture. Start a small resource kit by ordering materials in this *Teacher Resource Guide*. Try some AITC lesson plans and order posters to decorate your classroom. Sign up to receive *Cream of the Crop*, CFAITC's newsletter for educators. Have your students research one aspect of agriculture and enter CFAITC's *Imagine this . . .* Story Writing Contest. Contact the Foundation or your local county Farm Bureau for educational materials and programs in your area.

Where can I go for additional help?

Talk with the AITC Ambassador at your school. This person receives materials from the Foundation on a regular basis. Contact AITC if you do not know who your Ambassador is or if you would like to become an AITC Ambassador at your school. Consider attending the annual AITC Conference in October. Watch for announcements of upcoming events in the *Cream of the Crop* newsletter for educators.

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CFAITC

CFAITC Programs

TEACHER PROGRAMS

AITC Ambassador Program
CFAITC Conference (October 18-20, 2002, Irvine)
County Agricultural Seminars
University Student Teacher Program

STUDENT PROGRAMS

Imagine this... Story Writing Contest (Entry deadline November 1, 2002)
Support of County Farm Bureaus for Local Programs

CLASSROOM RESOURCE MATERIALS

CFAITC Web Site
Cream of the Crop Newsletter
Teacher Resource Guide
Lesson Plans
Commodity and Natural Resource Fact and Activity Sheets

For More Information Contact:

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
(916) 561-5625 ✦ (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Name_____

School Name_____

School Address_____

City_____ State_____ Zip_____

School Phone (___) _____

School District_____

County_____

Home Address_____

City_____ State_____ Zip_____

Home Phone (___) _____

Please send materials to my (circle one) home/school.

Please:

____ Place me on the *Cream of the Crop* mailing list.

____ Send an AITC Ambassador brochure.

____ Send an *Imagine this...* Story Writing Contest brochure.

____ Update my contact information as completed here.

I teach _____ grade

Subects_____

_____

_____

_____

CFAITC
Instructional Materials Subject Matter Matrix

	Order No.	Grade Level	Science	Mathematics	English/Language Arts	History/Social Science	Health/Nutrition	Visual/Performing Arts	Spanish Worksheets	Slides/Photographs
The Mysterious Plant Caper	CU 400	K-1	●	●	●			●	●	
The Invaders	CU 406	K-3	●	●	●	●		●		●
Tree to Table	CU 410	K-3	●	●	●	●	●	●		
Edible Plant Parts	SACP 103	2-3	●		●		●	●		●
Where Does It Come From?	SACP 113	2-3	●		●	●		●		●
What Do Plants Need to Grow?	CU 401	2-4	●	●	●		●	●	●	
Simple and Complex Machines in Agriculture	SACP 109	2-5	●	●	●			●		
Edible Numbers	SACP 114	2-8	●	●			●	●		
Fruits and Vegetables for Health	CU 409	4-6	●	●	●	●	●			
Invasion of the Medfly	CU 405	4-6	●	●	●	●	●	●		●
What Are You Eating?	SACP 111	4-6	●	●	●	●	●			
What's Bugging You?	SACP 112	4-6	●	●	●	●		●		
Counting on Cooperatives	CU 411	5-6		●	●	●		●		
Where'd You Get Those Genes?	CU 408	5-7	●	●	●	●		●		
How Much Is Too Much? How Little Is Too Little?	CU 402	5-8	●	●	●					●
Starting All Over Again (The Cycles of Nature)	CU 402A	6-8	●	●	●			●		
From Genes to Jeans	CU 407	7-9	●		●			●		
The Interrelationships of Soil, Water, and Fertilizers...	CU 403	9-12	●	●	●			●		
The Chemistry of Fertilizers	CU 404	10-12	●	●	●			●		
Genetic Engineering in Agriculture	CU 412	10-12	●	●	●	●				

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CFAITC Instructional Materials

CFAITC

The California Foundation for Agriculture in the Classroom lessons and units have been written, field-tested, and reviewed by educators. Cooperative learning, individual and group problem solving, and critical thinking activities encourage students to learn about California agriculture while developing skills in science, mathematics, reading-language arts, history-social science, health-nutrition, and the visual and performing arts. Several units, where stated, are aligned to the Content Standards for California Public Schools.

LESSON PLANS AND COMPREHENSIVE UNITS

Grades K-1

The Mysterious Plant Caper *by Joanne Borovoy and Karen Holtman*

Students use observation and evaluation skills in a series of scientific experiments and hands-on multi-curricular activities to learn the basic parts of plants and that plants are living things which require water, air, light, and nutrients for survival. Lesson titles include "Between a Rock and a Hard Place" and "Something Smells Fishy."

$10.00 plus tax order # CU 400

Grades K-1

The Mysterious Plant Caper, Spanish Worksheets *by Elsa Emery*

Spanish student activity sheets for *The Mysterious Plant Caper* unit.

$3.00 plus tax order # CU 400S

Grades K-3

The Invaders *by Kelly King and Cynthia Livingston*

In this comprehensive unit, students become detectives and gather evidence about the Mediterranean fruit fly. Science, mathematics, nutrition, language arts, geography, and visual arts concepts are incorporated into the lessons.

$10.00 plus tax order # CU 406

Grades K-3

Tree to Table *by Kelly King and Cynthia Livingston*

Integrates language arts, mathematics, science, social science, and visual and performing arts concepts while following food production from the tree to the table.

$10.00 plus tax order # CU 410

Grades 2-3

Edible Plant Parts *by Karen Chambers and Pamela Emery*

This unit inspires students to think about the fruits and vegetables they eat and to categorize them into edible roots, stems, leaves, flowers, fruits, and seeds. Agricultural topics are incorporated into several curricular areas including literature, art, science, and mathematics. Supplementary *Edible Plant Parts* photographs are available for this unit (see page 9).

$10.00 plus tax order # SACP 103

Grades 2-3

Where Does It Come From? *by Amy Cage and Pamela Emery*

Students examine a variety of food and fiber products. Through hands-on activities and experiments, students learn about the raw sources of food and fiber products, trace a product back to the farm, and examine food packaging and storage techniques. Supplementary *Where Does It Come From?* slides are available for this unit (see page 9).

$10.00 plus tax order # SACP 113

Grades 2-4

What Do Plants Need to Grow? *by Pamela Emery*

In this comprehensive science unit, students learn that plants, in order to survive and reproduce, require certain nutrients. Thirteen interrelated hands-on lessons and activities allow students to experiment with plants and relate what they learn to the food they eat.

$10.00 plus tax order # CU 401

Grades 2-4

What Do Plants Need to Grow? Spanish Worksheets *by Elsa Emery*

Spanish student activity sheets for the *What Do Plants Need to Grow?* unit.

$3.00 plus tax order # CU 401S

Grades 2-5

Simple and Complex Machines in Agriculture *by Tonja Cargill and Pamela Emery*

Through investigation, writing, and experimenting, students learn about simple machines such as inclined planes, levers, pulleys, and wedges. They see how these machines assist people including farmers and ranchers. Aligned to the Content Standards for California Public Schools.

$10.00 plus tax order # SACP 109

Grades 2-8

Edible Numbers *by Pamela Emery and Gina Hieb*

Edible Numbers provides teachers with lessons that relate grocery advertisements to classroom mathematics and nutrition education. Food origins, nutrition, problem solving, graphing, and grade-level appropriate mathematics are taught in three separate grade level units.

$10.00 plus tax order # SACP 114

Grades 4-6

Fruits and Vegetables for Health *by Brenda Byers and Priscilla Naworski*

This comprehensive unit teaches students about the production, distribution, and nutritional value of California fresh produce. Geography, language arts, mathematics, health, and nutrition concepts are incorporated.

$10.00 plus tax order # CU 409

Grades 4-6

Invasion of the Medfly *by Jerry Delsol and Holiday Matchett*

This comprehensive unit teaches students about the pesky and persistent Mediterranean fruit fly. Students learn science concepts, review California and world geography, practice reading and writing, perform art projects, and use mathematics in this exciting unit.

$10.00 plus tax order # CU 405

Grades 4-6

What Are You Eating? *by Pamela Emery and Karen Traiger*

Students learn about plant anatomy and edible plant parts through four hands-on, interactive lessons which include practice in problem-solving, research, and classification.

$10.00 plus tax order # SACP 111

Grades 4-6

What's Bugging You? *by Pamela Emery and Ethan Heifetz*

Students create a useful definition for the word "pest," perform reading and poetry activities on specific agricultural and garden pests, and create an imaginary pest who lives in an imaginary habitat. Aligned to the Content Standards for California Public Schools.

$10.00 plus tax order # SACP 112

CFAITC

Grades 5-6

Counting on Cooperatives *by Nancy Harris and Michael Jarman*

This six lesson unit introduces students to the study of economics including an introduction to the basic business types and systems. Social studies, history, and mathematics concepts are reinforced in this motivating unit which highlights agricultural cooperatives.

$10.00 plus tax order # CU 411

Grades 5-7

Where'd You Get Those Genes? *by Beth Brookhart and Pam Schallock*

This five-lesson unit teaches students the basic concepts of genetics using agricultural commodities as examples. Includes brief biographies on people involved in genetic research as well as a creative writing assignment. Aligned to the Content Standards for California Public Schools.

$10.00 plus tax order # CU 408

Grades 5-8

How Much Is Too Much? How Little Is Too Little? *by Pamela Emery*

Students discover, through hands-on activities, that nutrients are required by plants in proper forms and amounts. Lesson titles include "What's Wrong With Me?" and "Can There Really Be Too Much of a Good Thing?" The *Plants With Nutrient Deficiencies* slides can be used with this comprehensive science unit (see page 9).

$10.00 plus tax order # CU 402

Grades 6-8

Starting All Over Again (The Cycles of Nature) *by Lois Bechely and Karen Traiger*

Middle school students perform reading activities, experiments, and a cross-curricular role-play to learn the importance of cycles in nature and their relationships to the production of food and life on Earth. The carbon/oxygen, water, rock/soil and nitrogen cycles are examined. This unit may be used as a supplement to *How Much Is Too Much? How Little Is Too Little?*

$10.00 plus tax order # CU 402A

Grades 7-9

From Genes to Jeans *by John Vogt and Mary Yale*

Students are introduced to the genetic research and technologies associated with agriculture while they perform Punnett square activities and create a model of a DNA molecule. As students learn about strawberries and cotton, they are provided with the scientific principles associated with genetics and are encouraged to use their knowledge to think critically and freely about viability and ethics associated with biotechnology. Aligned to the Content Standards for California Public Schools.

$10.00 plus tax order # CU 407

Grades 9-12

The Interrelationships of Soil, Water, and Fertilizers and How They Affect Plant Growth *by Pamela Emery*

This comprehensive unit offers high school students opportunities to perform guided classroom science projects and relate their newly gained knowledge to current agricultural issues including groundwater quality and sustainable agriculture. A problem-solving role-play concludes the unit.

$10.00 plus tax order # CU 403

Grades 10-12

The Chemistry of Fertilizers *by Jean Kennedy*

High school students use fertilizer science as a tool to apply chemistry to real world situations. Hands-on experiments, activities, practice problems, discussions, and writing assignments teach students to break compounds into ions, make a fertilizer, and test fertilizer phosphate content.

$10.00 plus tax order # CU 404

Grades 10-12

Genetic Engineering in Agriculture by Suzanne Weisker

This unit, designed for advanced science students, introduces biotechnology and genetic engineering in a format that supports critical thinking and problem solving. Bacterial transformation activities are performed in this unit that highlight a current agricultural challenge – the gossypol content in cotton.

$10.00 plus tax order # CU 412

SUPPLEMENTARY PHOTOGRAPHS AND SLIDES

Edible Plant Parts

These colorful photos of fruits and vegetables accompany the *Edible Plant Parts* unit (SACP 103).
28 photographs

$12.00 order # PSV 201

Where Does It Come From?

These slides, which accompany the *Where Does It Come From?* unit (SACP 113), show the origins of many foods.
16 slides

$19.00 order # PSV 205

Plants With Nutrient Deficiencies

These slides of nutrient deficient plants give students a visual picture of what happens if plants do not receive the appropriate amount of nutrients. These slides accompany the *How Much Is Too Much? How Little Is Too Little?* unit (CU 402).
10 slides

$12.00 order # PSV 206

OTHER MATERIALS

Imagine this... Video

This 30-minute video of colorful, agriculturally-related stories features winning entries in the *Imagine this...* Story Writing Contest for grades 2-8. The animation was created from artwork developed by high school art students.

$10.00

Commodity and Natural Resource Fact and Activity Sheets

Educators and students learn about the production, history, economic value, and other information on a variety of agricultural commodities and resources. The activity suggestions help educators generate lesson plan ideas.

1 set free

CFAITC Materials Order Form

CFAITC

California Foundation for Agriculture in the Classroom, 2300 River Plaza Drive, Sacramento, CA 95833-3293
Phone: (916) 561-5625 (800) 700-AITC Fax: (916) 561-5697 www.cfaitc.org cfaitc@cfbf.com

Stock #	Grades	Description	Price	Qty	Total
CU 400	K-1	The Mysterious Plant Caper	$10.00		
CU 400S	K-1	The Mysterious Plant Caper, Spanish Worksheets	3.00		
CU 401	2-4	What Do Plants Need to Grow?	10.00		
CU 401S	2-4	What Do Plants Need to Grow? Spanish Worksheets	3.00		
CU 402	5-8	How Much Is Too Much? How Little Is Too Little?	10.00		
CU 402A	6-8	Starting All Over Again (The Cycles of Nature)	10.00		
CU 403	9-12	The Interrelationships of Soil, Water and Fertilizers and How They Affect Plant Growth	10.00		
CU 404	10-12	The Chemistry of Fertilizers	10.00		
CU 405	4-6	Invasion of the Medfly	10.00		
CU 406	K-3	The Invaders	10.00		
CU 407	7-9	From Genes to Jeans	10.00		
CU 408	5-7	Where'd You Get Those Genes?	10.00		
CU 409	4-6	Fruits and Vegetables for Health	10.00		
CU 410	K-3	Tree to Table	10.00		
CU 411	5-6	Counting on Cooperatives	10.00		
CU 412	10-12	Genetic Engineering in Agriculture	10.00		
SACP 103	2-3	Edible Plant Parts	10.00		
SACP 109	2-5	Simple and Complex Machines in Agriculture	10.00		
SACP 111	4-6	What Are You Eating?	10.00		
SACP 112	4-6	What's Bugging You?	10.00		
SACP 113	2-3	Where Does It Come From?	10.00		
SACP 114	2-8	Edible Numbers	10.00		
PSV 201	2-3	Edible Plant Parts - Photographs	12.00		
PSV 205	2-3	Where Does It Come From? - Slides	19.00		
PSV 206	5-8	Plants With Nutrient Deficiencies - Slides	12.00		
	K-12	Commodity and Natural Resource Fact/Activity Sheets	1 set free		
	K-12	*Imagine this...* Video	10.00		
	K-12	CFAITC Balloons	.20		
	K-12	CFAITC Canvas Bags	8.00		
	K-12	CFAITC Mugs	1.25		
	K-12	CFAITC Pencils	.13		
	K-12	"A is for Agriculture" Stickers	.07		
	K-12	Bookmarks	.06		

SUBTOTAL	
Sales Tax: If in Sacramento County, 7.75% All other California sales, 7.25%	
GRAND TOTAL	

Name _____

School/Organization _____

Address _____
(circle one) School Business Home

City, State Zip _____
(circle one) School Business Home

Phone ( ) _____ Fax ( ) _____
(circle one) School Business Home (circle one) School Business Home

County _____
(circle one) School Business Home

Method of Payment:

Cash

Check# _____

Make checks payable to: CFAITC

P.O. # _____

Visa M/C # _ _ _ _ - _ _ _ _ - _ _ _ _ - _ _ _ _ *Exp. Date* _____

Card Holder Signature: _____

WEB

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California Heartland Order Form

CFAITC

California Heartland is a series of 52 half-hour programs combining stories with fun facts about California's $27 billion agricultural industry. It is produced by KVIE Public Television, Sacramento. The series is shown weekly on PBS affiliates throughout California. Refer to the schedule below or contact your local PBS station for the air time in your area.

Sample Episode Contents

Program 601- How about a kitchen tour of one of California's most famous chefs, Thomas Keller; visit popular farmers' markets; explore the benefits of beans; learn about compost tea; visit a yurt village made just for farm workers; watch guests at the California State Fair play the "On The Farm" game show.

Program 616- Learn how to analyze the many qualities of olive oil; examine a new variety of artichoke; learn about Thomas Jefferson, a farmer; see sick barns turn healthy; view Orange County's fabulous strawberry region; visit a female farmer, the owner of Earthbound Farm; and learn why llamas are great hiking companions.

Location	Station	Times*
Eureka	KEET/13	Thurs 11 am
Fresno	KVPT/18	Sun 6:30 pm Mon 7 pm Mon - Fri 1:30 pm
Huntington Beach	KOCE/50	Fri 5:30 pm
Los Angeles	KCET/28	Sat 11 am
Redding	KIXE/9	Sun 6 pm Thurs 6 pm
Reno	KNPB/5	Sun 1:30 pm
Rohnert Park	KRCB/22	Sun 12:30 pm
Sacramento	KVIE/6	Sun 6:30 pm Mon - Fri 4:30 pm Tues 7 pm
San Bernardino	KVCR/24	Mon 11 pm
San Diego	KPBS/15	Sat 1:30 pm
San Francisco	KQED/9	Sat 3 pm

*Times subject to change.

For a detailed list of every episode and its program contents, contact the home page *www.californiaheartland.org* or CFAITC at 2300 River Plaza Drive, Sacramento, California 95833-3293, (916) 561-5625, (800) 700-AITC or E-mail cfaitc@cfbf.com. Call for price on set of 52 episodes.

To order, fill out the the form below and mail with your payment to CFAITC, 2300 River Plaza Drive, Sacramento, CA 95833.

Episode #	Description	Quantity	Total
		_____ x $15	
		_____ x $15	
		_____ x $15	
		Subtotal	
		Sales Tax: If in Sacramento County, 7.75% All other California sales, 7.25%	
		Total	

Name _____

School/Organization _____

Address _____
(circle one) School Business Home

City, State Zip _____
(circle one) School Business Home

Phone ( ) _____ Fax ( ) _____
(circle one) School Business Home (circle one) School Business Home

County _____
(circle one) School Business Home

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Check# _____

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WEB

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CFAITC

California Country Order Form

California Country is Farm Bureau's award-winning weekly television magazine program. It features stories about California's farmers and ranchers and people in closely related industries. You'll learn about the people who make modern agriculture work and also learn about the work they do when you watch *California Country*.

Station	Ch.	City	Day	Times	
KUVI	45	Bakersfield	Saturday	6:00	AM
KAEF	23	Eureka	Sunday	5:30	AM
KSEE	24	Fresno	Sunday	5:00	PM
K62AY	62	Lakeport	Friday	7:00	AM
KPXN	30	Los Angeles	Sunday	9:00	AM
KIXE	9	Redding	Monday	6:00	PM
KRCR	7R	Redding	Sunday	5:30	AM
KSPX	29	Sacramento	Saturday	10:30	AM
KSBW	8	Salinas	Saturday	5:30	AM
KKPX	65	San Francisco	Saturday	9:30	AM
KFTL	64	San Leandro	Monday	5:30	PM
KSBY	6	San Luis Obispo	Sunday	5:00	AM
KFTY	50	Santa Rosa	Sunday	3:30	PM
KYMA	11	Yuma	Sunday	6:00	AM

*Times subject to change.

Each program features interesting and educational stories about farmers, ranchers, food production, produce selection, cooking segments, and gardening tips.

For information about the program, station listings, the latest programs, and recipes, go to *www.cacountry.tv* or contact the California Farm Bureau Federation's Communications/ News Division at (916) 561-5550 or e-mail jmorris@cfbf.com.

To order, fill out the the form below and mail with your payment to CFAITC, 2300 River Plaza Drive, Sacramento, CA 95833.

To Order

Episode #	Description	Quantity	Total
		_____ x $15	
		_____ x $15	
		_____ x $15	
		Subtotal	
		Sales Tax: If in Sacramento County, 7.75% All other California sales, 7.25%	
		Total	

Name _____

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Address _____
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(circle one) School Business Home

Phone ( ) _____ Fax ( ) _____
(circle one) School Business Home (circle one) School Business Home

County _____
(circle one) School Business Home

Method of Payment:

Cash

Check# _____

Make checks payable to: CFAITC

P.O. # _____

Visa M/C # _ _ _ _ - _ _ _ _ - _ _ _ _ - _ _ _ _ *Exp. Date* _____

Card Holder Signature: _____

Section 2

Educational Resources on Agriculture

This guide is designed to help educators locate high quality resources on agriculture by listing free and low cost educational materials. The resources were reviewed by CFAITC's Educational Resource Comittee and are considered suitable for classroom use. However, inclusion in this guide does not constitute an endorsement. Request materials on school letterhead and mention the California Foundation for Agriculture in the Classroom when ordering.

Resources by Subject Listing

AGRICULTURE - GENERAL

A Farmer's Guide to Hosting Farm Visits for Children

This report provides farmers with some encouragement and support on hosting farm visits for children. Information includes tips on making useful and safe hands-on activities, and tips on how to plan and what to plan for. Available on-line.

Grades K-12
Free, on-line copy only

Sustainable Agriculture Research and Education Program
University of California
One Shields Avenue
Davis, CA 95616
Phone: (530) 752-7556
Fax: (530) 754-8550
Web site: www.sarep.ucdavis.edu/Grants/Reports/Kraus/97-36FarmersGuide.htm
Web site: www.sarep.ucdavis.edu

Ag Alert

This colorful weekly newspaper, available to California Farm Bureau Federation members, provides current information and articles on California's agriculture industry.

Grades 8-adult
Subscription free to California Farm Bureau members
Available on-line to the public

Ag Alert
California Farm Bureau Federation
2300 River Plaza Drive
Sacramento, CA 95833-3293
Phone: (916) 561-5570
Fax: (916) 561-5695
Web site: www.cfbf.com

Ag Experience

Teaching kits provide materials and activities for hands-on lessons about agriculture. Kit titles include *California Farm Facts, Fun Wool Spinning Kit, Cotton Kit, Sheep Booklets, Sunflower Kit, Corn and The Indians, Almond Kit, Dairy Cattle Curriculum, Wheat Kit*, and more.

Grades K-12
Free brochure

Ag Experience
3144 North G Street, #125-141
Merced, CA 94340
Phone: (209) 384-9272
Fax: (209) 384-1378
E-mail: agexper@mercednet.com

AgExplorer™

Multimedia technology and Internet connectivity combine in AgExplorer™ to bring you the ultimate interactive agricultural information and diagnostic tool. Diagnose crop disease, weed, and insect pests with over 7,000 photographs to choose from. Hotlink directly to Internet sites on key papers, research, commodity prices, weather, and news.

Grades 4-12
Prices begin at $45 per issued work station plus annual subscription fees

Hamilton-Locke, Inc. – AgExplorer
1902 North Canyon Road, Suite 120
Provo, UT 84604
Toll free: (800) 282-0044
Fax: (801) 226-2971
E-mail: mail@agexplorer.com
Web site: www.agexplorer.com

BEST COPY AVAILABLE

Agricultural Research

Published monthly by the Agricultural Research Service, United States Department of Agriculture, this magazine reports on current research in the agricultural industry. Available on-line.

Grades 9-adult
Free 1-year subscription to schools and libraries

Agricultural Research Magazine
5601 Sunnyside Avenue, Room 1-2232C
Beltsville, MD 20705-5130
Phone: (301) 504-1651
Fax: (301) 504-1641
E-mail: jfrazier@ars.usda.gov
Web site: www.ars.usda.gov/is/AR

Agri-Education, Inc.

Software-based activities about food safety, production agriculture, soil nutrient management, water conservation and water quality, animal welfare, and more. Includes *Abundant Food and Fiber* on CD-ROM and the *Farm and Food Bytes* series with the *Introduction to Agriculture* program now on CD-ROM. A new CD-ROM *Helping to Keep Our Water Clean* is also available.

Grades 3-12
Free catalog

Agri-Education, Inc.
801 Shakespeare
Box 497
Stratford, IA 50249
Phone: (515) 838-3000
Fax: (515) 838-2788
E-mail: jgalloway@agri-ed.com
Web site: www.agri-ed.com

Benny Broccoli and His Buddies - Cultivating an Interest in Agriculture

Educational program offers games, projects, and whole-language story ideas on the CropLife America Web site.

Grades 2-4
Downloadable from Web site

CropLife America
1156 Fifteenth Street NW, Suite 400
Washington, DC 20005
Phone: (202) 872-3863
Fax: (202) 463-0474
E-mail: dvaught@croplifeamerica.org
Web site: www.croplifeamerica.org

California Agricultural Resource Directory

Includes facts and figures, county-by-county statistics, and an extensive directory of industry resources and contacts. Also contains production and export statistics, key facts about California agriculture, information on CDFA services, and marketing trends.

Grades 4-adult
$15

California Department of Food and Agriculture
California Agricultural Statistics Service
Post Office Box 1258
Sacramento, CA 95812-1258
Phone:(916) 498-5161
Fax: (916) 498-5186
E-mail: nass-ca@nass.usda.gov
Web site: www.nass.usda.gov/ca

California Agriculture Publication

Bimonthly full-color magazine on agriculture research by the University of California.

Grades 9-12
Free subscription within United States

California Agriculture
Division of Agriculture and Natural Resources
University of California
1111 Franklin Street, 6th Floor
Oakland, CA 94607-5200
Phone: (510) 987-0044
Fax: (510) 465-2659
E-mail: calag@ucop.edu
Web site: danr.ucop.edu/calag

Classroom Resources for Agricultural Education

Plastic bags made of cornstarch, pencil sharpeners, maps, agricultural fact books, lesson plans, and videos are available for purchase. Details available on-line.

Grades K-12
Free order form

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: (847) 685-8663
Fax: (847) 685-8969
Web site: www.ageducate.org

Cream of the Crop

Newsletter, published two times a year, highlights resources, activities, and lessons for incorporating agriculture in the classroom.

Grades K-12
Free subscription

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

The Cultivar

Newsletter developed by the University of California, Santa Cruz, Center for Agroecology and Sustainable Food Systems, provides information on current sustainable agricultural topics including articles ranging from organic gardening to food systems analysis.

Grades 9-adult
Free

CASFS
UC Santa Cruz
1156 High Street
Santa Cruz, CA 95064
Phone: (831) 459-4140
Fax: (831) 459-2799
Web site: zzyx.ucsc.edu/casfs

Fantastic Fresno Fun Book—An Educational Activity Book For Kids

This coloring and activity book highlights the San Joaquin Valley. Its collection of two dozen pictures and puzzles highlights fascinating tidbits about Fresno, including crops, agricultural history, wildlife, and more!

Grades 2-6
$6.95 plus s/h
30% discount on orders of 50 or more

Clover Publications
Post Office Box 28243
Fresno, CA 93729-8243
Phone: (559) 434-9359
Fax: (559) 434-7751
E-mail: wwnugent@msn.com

Farm Facts Lesson Plan Folders

These lessons draw on the Farm Facts booklet available from the American Farm Bureau Foundation Federation. Helps students develop skills in language arts, math, social science, science research, and teamwork. Folder includes reproducible student worksheets and answer keys.

Grades 4-6, 7-12
Request grade level
$5 each includes s/h

American Farm Bureau Foundation for Agriculture
255 Touhy Avenue
Park Ridge, IL 60068
Phone: (847) 685-8663
Fax: (847) 685-8969
Web site: www.ageducate.org

The Farming Game

Try your luck at raising crops and livestock. Learn about family farm economy using a board game format.

Ages 10-adult
$31.95 plus $6.50 s/h
$9.95 each for PC version that runs on Windows, plus $4 s/h

The Weekend Farmer
Post Office Box 896
Goldendale, WA 98620
Toll free: (800) 222-GAME
E-mail: farmgame@gorge.net
Web site: www.farmgame.com

Fertile Ground Books

Access Web site for listings of agricultural books on crops, water, livestock, horticulture, business, and land use.

Grades K-adult
Free catalog

Fertile Ground Books
3912 Vale Avenue
Oakland, CA 94619-2222
Phone: (530) 298-2060
Fax: (530) 298-2060
E-mail: books@agribooks.com
Web site: www.agribooks.com

BEST COPY AVAILABLE

Food, Land & People

This project provides educational resources and promotes approaches to learning which help educators and students in grades PreK-12 to better understand the interrelationships among agriculture, the environment and people of the world. Educators who participate in a workshop will obtain FLP's *Resources for Learning* which contains 55 PreK-12 lessons. Twenty lessons are translated into Spanish. Lessons are correlated to state subject area standards.

Grades PreK-12
Resources for Learning, $46.25 includes s/h
Free information on workshops

Food, Land & People
Presidio of San Francisco
Post Office Box 29474
San Francisco, CA 94129
Phone: (415) 561-4445
Web site: www.foodlandpeople.org

4-H Catalog, Educational Resources for Youth Development

This catalog provides descriptions and ordering information on projects and activity materials appropriate for leaders to work with youth in a variety of settings.

Grades K-12
Free catalog

University of California
ANR Communication Services Publications
6701 San Pablo Avenue
Oakland, CA 94608-1239
Phone: (800) 994-8849
Fax: (510) 643-5470
Web site: anrcatalog.ucdavis.edu

Grown in the Imperial Valley

A 26-minute video covers the soil preparation, planting, growing, and harvesting of Imperial Valley crops. Includes a teacher's guide.

Grades 3-12
$24 includes s/h

California Women for Agriculture
Imperial Valley Chapter
1108 West Evan Hewes Highway
El Centro, CA 92243
Phone: (760) 352-6496
Fax: (760) 352-6496
E-mail: luge@quix.net

A Guide to Food and Fiber Systems Literacy

This guide is composed of a compendium of standards, benchmarks, explanatory narrative and sample instructional materials for kindergarten through twelfth grade. It is intended to provide a road map for infusing Food and Fiber Systems knowledge into core academic subjects.

Grades K-12
$25

Food and Fiber Systems Literacy Project
Department of Agricultural Education/
Communications/4-H
448 Agricultural Hall
Oklahoma State University
Stillwater, OK 74078-0484
Phone: (405) 744-8036
Fax: (405) 744-5176
Web site: food_fiber.okstate.edu

Illinois Agricultural Association Materials

Innovations in Agriculture

Contains 60 lessons about agriculture in the areas of math, science, language arts, social studies, fine arts, health, nutrition and safety. Hands-on activities, worksheets and resource lists are included.

Grades 7-8
$20 plus s/h

Kids, Crops, & Critters in the Classroom

Contains 60 lessons about agriculture in the areas of math, science, language arts, social studies, fine arts, health, nutrition and safety. Hands-on activities, worksheets and resource lists are included.

Grades K-3, 4-6
Request grade level
$20 plus s/h

Illinois Agricultural Association
1701 N. Towanda Avenue
Post Office Box 2901
Bloomington, IL 61702-2901
Phone: (309) 557-3334
Fax: (309) 557-2641
Web site: www.agintheclassroom.org

Modern Marvels: Farming Technology

From field to table, this 50-minute video illustrates how far farming has come from its tradition. Topics discussed include the modern tractors, genetically engineered seeds, and other innovations that have propelled agriculture into a major industry in the nation.

Grades 4-adult
$24.95 plus $5.95 shipping

The World of A & E
Post Office Box 2284
South Burlington, VT 05407-2284
Toll free: (800) 625-9000
Fax: (802) 864-9846
Web site: AandE.com

NASCO Educational Catalogs

A series of catalogs on supplies for science, arts and crafts, health, math, and agricultural sciences.

Grades K-12
Free

NASCO
4825 Stoddard Road
Modesto, CA 95356-9318
Toll free: (800) 558-9595
Fax: (209) 545-1669
Web site: www.enasco.com

National Agricultural Library

AGRICOLA: Agricultural Online Access

Brochure contains subject and access information for AGRICOLA, the bibliographic database produced by the National Agricultural Library.

Bibliographic Series: Current Titles Listing

List of information products, including ordering and electronic access information prepared by staff of NAL's Reference Section and 12 subject-oriented Information Centers.

Guide to Services of the National Agricultural Library

Eligibility and information on library procedures.

Grades K-adult
One free copy

USDA, ARS, National Agricultural Library
4th Floor, NAL Building
10301 Baltimore Avenue
Beltsville, MD 20705-2351
Phone: (301) 504-5755
Fax: (301) 504-6927
Web site: www.nal.usda.gov

National Agriculture in the Classroom Materials

Ag in the Classroom Notes

Quarterly newsletter published by the U.S. Department of Agriculture features Agriculture in the Classroom programs and projects from across the nation and articles about agriculture.

Grades K-adult
Free subscription

United States Department of Agriculture
Agriculture in the Classroom
800 9th Street
Waterfront Centre, Stop 2251
Washington, DC 20250
Phone: (202) 720-7925
Fax: (202) 690-0062
Web site: www.agclassroom.org

National Agriculture Week Packet

"America's Largest Classroom on Agriculture" packet includes materials to use during this annual first week of spring celebration.

Grades K-12
Free listing of materials by mail or Web site

Agriculture Council of America
11020 King Street, Suite 205
Overland Park, KS 66210
Phone: (913) 491-1895
Fax: (913) 491-6502
E-mail: info@agday.org
Web site: www.agday.org

National FFA Organization

Resources for agricultural literacy, career awareness, biotechnology, and other agricultural education information are available.

Grades K-12
Free educational resources catalog

National FFA Organization
Post Office Box 68960
Indianapolis, IN 46268-0960
Phone: (317) 802-4334
Fax: (317) 802-5334
E-mail: jarmbruster@ffa.org
Web site: ffa.org

Pizza Farm

Lesson plans, and hands-on activities integrated into the California teaching standards resources related to a pizza theme.

Grades K-6
Free order form/samples

The Pizza Farm
27877 Avenue 8
Madera, CA 93637
Toll free: (800) 557-1222
Fax: (559) 661-2172
E-mail: pizzafarmer@psnw.com
Web site: pizzafarm.org

Plant Doctor®

Six lesson plans and supplies necessary for experiments on weed, pest, and disease control as well as fertilization are available on-line. Program uses the science framework to teach children about safe and abundant agricultural food, fiber, and ornamental production. Also included in the program is *Benny Broccoli and His Buddies* food safety and nutrition lessons. Program can include a visit (based on availability) by a Plant Doctor® – a licensed pest control advisor. The visit can be scheduled on-line.

Grades 3-5
Free, California teachers only

The Stanley W. Strew Education Fund, Inc.
1143 North Market Boulevard, Suite 7
Sacramento, CA 95834
Phone: (916) 928-1625
Fax: (916) 928-0705
Web site: www.plantdoctor.org

Project Seasons

Links curriculum to the seasons with over 147 multidisciplinary activities.

Grades K-6
$24.95 plus $3.50 s/h

Shelburne Farms
1611 Harbor Road
Shelburne, VT 05482
Phone: (802) 985-8686
Fax: (802) 985-8123
Web site: www.shelburnefarms.org

Slice Kit

This packet of classroom activities and worksheets assists teachers and volunteers in educating children about the role of the farm in providing food and products for the city.

Grades K-6
$7

National Farm-City Council
225 Touhy Avenue
Park Ridge, IL 60008
Phone: (847) 685-8663
Fax: (847) 685-8969

Smithsonian in Your Classroom Newsletter

This newsletter provides classroom-ready materials which allow teachers to link up with the educational power of museums and other community resources.

Grades 4-9
Free

Smithsonian Office of Education
Smithsonian in Your Classroom
Arts and Industries Building 1163
MRC 402
Washington, DC 20560

Ten Things Kids Want to Know About Farming

This 22-minute educational video takes students on a series of field trips to farm and ranch locations throughout the United States, offering them a firsthand view of what happens to produce the food and clothing we use everyday.

Grades 4-6
One copy, $18.50
Two or more copies, $15 each

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068 5874
Phone: (847) 685-8664
Fax: (847) 685-8626
E-mail: marys@fb.org
Web site: www.ageducate.org

The ABCs of Food

This comprehensive book is a compilation of food references, stories, activities, and other related food information. This great resource includes factual information and opinions on information related to food production and food use, from A to Z!

Grades 4-adult
$24.50

The ABCs of Food
Richard Calhoun
34 Greenbriar Drive
Oroville, CA 95966
Phone: (530) 589-0359

Tractors, Combines and Things on the Grow

30-minute video shows children the wonders of where food really comes from and how it ends up on the grocers' shelves.

Grades K-6
$19.95 plus $4.95 s/h VISA/MC/AMEX

Just Our Size Videos
14010 Falls Road
Cockeysville, MD 21030
Phone: (800) 808-FARM
Fax: (410) 584-7261

Traditional Red Barn Storage Box

A printed 12" x 13" x 16" box shaped like a traditional red barn can be used for storing classroom supplies. The roof-shaped lid lifts off for access into the barn.

Grades K-adult
$10 each plus s/h
$7 each plus s/h for 10 or more

Cornell Educational Resources Program (CERP)
Cornell University, Department of Education
420 Kennedy Hall
Ithaca, NY 14853
Phone: (607) 255-1837
Fax: (607) 255-7905

2002-2003 Catalog Publications

Pamphlets, books, slide sets, and videos on agriculture, crops, livestock, soil, water, and more.

Grades K-12
Catalog

University of California
ANR Communication Services
6701 San Pablo Avenue
Oakland, CA 94608-8849
Toll free: (800) 994-8849
Fax: (510) 643-5470
E-mail: danrcs@ucdavis.edu
Web site: anrcatalog.ucdavis.edu

Video Placement Worldwide

Offers free, sponsored educational videos on a wide variety of subjects, including many of interest to agriculture teachers. Visit the Web site for online descriptions and ordering.

Grades K-12
Free, make request on-line or fax on school letterhead

Video Placement Worldwide
Post Office Box 58142
Saint Petersburg, FL 33715-9976
Fax: (800) 358-5218
Web site: www.vpw.com

What's Growin' on in California?

This 16-page newspaper highlights the many farms, environments, and diverse foods thriving in the Golden State of California. Activities, trivia, readings, and graphics are sprinkled throughout providing a connection for every learner.

Grades 4-8
Free single or multiple copies

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

ALMONDS

Almond Fact and Activity Sheet

This California specific fact sheet includes information on almond production, history, nutrition, and economic value. The activity sheets provide specific lesson ideas and fun facts about almonds.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Almond Information Sheets

Limited supply of general information sheets. Visit the Blue Diamond Web site for general and nutritional information about almonds.

Grades K-12
Free

Blue Diamond
Post Office Box 1768
Sacramento, CA 95812
Phone: (916) 442-0771
Fax: (916) 325-2880
Web site: www.bluediamondgrowers.com

ANTS

Also see INSECT listings

Ant Homes Under the Ground

These five activities delve into many aspects of these fascinating social insects. Students learn about ant body structure, jobs, and homes by observing ants in nature and in an ant farm. Many role-play activities and games included.

Grades Preschool- 1
$16 plus s/h

University of California, Berkeley
GEMS
Lawrence Hall of Science, #5200
Berkeley, CA 94720-5200
Phone:(510) 642-7771
Fax: (510) 643-0309
E-mail: gems@uclink.berkeley.edu
Web site: www.lhsgems.org

Red Imported Fire Ants: Facts About These Interesting Insects

This booklet is designed to provide teachers with facts and activities to teach children about red imported fire ants, a potentially dangerous and destructive insect to the people, animals, and plants of California.

Grades 2-3
Free

California Department of Food and Agriculture
1220 N Street
Sacramento, CA 95814
Phone: (916) 654-0462
Fax: (916) 657-4240
Web site: www.fireant.ca.gov

APPLES

Apples

A variety of materials on apples and apple nutrition, including lesson plans and support materials.

Grades K-6
Free materials list available on Web site or by mail

U.S. Apple Association
Post Office Box 1137
McLean, VA 22101-1137
Phone: (703) 442-8850
Web site: www.usapple.org

Welcome to Our Apple Farm

Designed specifically as a farm visit handout, this color book is informative and entertaining. Discusses what happens at an apple farm. Mentions six apple varieties: Empire, Golden Delicious, Granny Smith, Jonathan, McIntosh, and Red Delicious. Other color books available.

Grades PreK-3
$28.80 plus s/h per case of 96
$200 minimum purchase required

Pyramid Publishing
Attn: Tom Kaiser
9 Greenwood Court
Racine, Wisconsin 53402
Phone: (262) 752-0184
Fax: (262) 752-0185

AQUACULTURE

California Aquaculture Association

Web site offers listing of periodicals, books, newsletters, associations, and government agencies of interest to aquaculturists. Many Web links provided.

Grades 9-adult
Free

California Aquaculture Association
Sheryl Baldwin
3700 Chaney Court
Carmichael, CA 95608
Phone: (916) 944-8477
E-mail: sherylbaldwin@aol.com
Web site: www.caa-aqua.org

Five-Module Core Aquaculture Curriculum

This five-module core aquaculture curriculum provides basic information on aquaculture as well as specific information on commonly cultured aquatic organisms. Other instructional manuals are also available.

Grades 10-12
$50 plus $7 s/h

National Council for Agricultural Education
Post Office Box 15035
5632 Mt. Vernon Memorial Highway
Alexandria, VA 22309-0035
Toll free: (800) 772-0939
Fax: (703) 838-5888
Web site: www.teamaged.org

ARTICHOKES

Artichokes Fact and Activity Sheet

This California specific fact sheet includes information on artichoke production, history, nutrition, and economic value. The activity sheets provide lesson ideas and fun facts on artichokes.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

AVIATION

Agricultural Aircraft Association Materials

Agriculture's Airforce

15-minute video on how aviation is used in agriculture.

Grades K-12
$10

Elementary Level Educational Curriculum Guide

This six-activity lesson guide teaches students about agricultural aviation.

Grades 1-5
Free

Secondary Level Educational Curriculum Guide

This lesson guide includes lessons, facts and defines terms associated with agricultural aviation.

Grades 6-10
Free

California Agricultural Aircraft Association
1404B Flightline Drive
Lincoln, CA 95648
Phone: (916) 645-9747
Fax: (916) 645-9749
E-mail: CAAA@psyber.com

AVOCADOS

Avocado Fact and Activity Sheet

This California specific fact sheet includes information on avocado production, history, nutrition, and economic value. The activity sheet provides lesson ideas and fun facts on avocados.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Avocados From A To Z

Packet filled with student book, activity sheets, and information sheets that cover history, nutrition and facts.

Grades K-12
Free

California Avocado Commission
1251 East Dyer Road, Suite 210
Santa Ana, CA 92705-5605
Phone: (714) 558-6761
Fax: (714) 641-7024
Web site: avocado.org

BATS

Bats Incredible

Enlighten students to the bats' uniqueness and indispensable role in ecosystems. Through hands-on activities and background information, learn about the physical characteristics of bats as well as about how they fly and how they use echolocation. Assessment strategies, curricular correlations, and home links are integrated throughout this book.

Grades 2-4
$18.95 plus s/h and tax; request item # 1125
Free catalog

AIMS Education Foundation
Post Office Box 8120
Fresno, CA 93747-8120
Toll free: (888) 733-2467
Fax: (559) 255-6396
E-mail: aimsales@fresno.edu
Web site: www.AIMSedu.org

BEANS

Also see SOYBEANS listings

Bean There Grown That - The Botany Lab in a Box

Bean There Grown That combines a seed-growing kit with an interactive CD. Aimed to bring the wonder of science to kids, these ten days of activities prompt students to collect data, read related material, enter observations, follow lab instructions, take measurements, graph results, and create reports via the computer.

Grades 3-6
Prices begin at $39.95 per user
Many licensing options available

Curious Company
2020 Edinburg Avenue
Cardiff, CA 92007
Phone: (760) 942-7450
Web site: www.curiousco.com

Dry Bean Fact and Activity Sheet

This California specific fact sheet includes information on dry bean production, history, nutrition, and economic value. The activity sheets provide lesson ideas and fun facts on dry beans.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Explore the Magic World of California Beans

Nutritional information and recipes on dry beans.

Grades 4-adult
Free

California Dry Bean Advisory Board
531-D North Alta Avenue
Dinuba, CA 93618
Phone: (559) 591-4866
Fax: (559) 591-5744
Web site: www.calbeans.com

BEEF CATTLE

Also see LIVESTOCK listing

Beef Fact and Activity Sheet

This California specific fact sheet includes information on beef production, history, and economic value. The activity sheet provides lesson ideas and fun facts on beef.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

California Beef Council Order Form

A variety of resources about beef education are available.

Grades K-12
Free materials order form

California Beef Council
5726 Sonoma Drive, Suite A
Pleasanton, CA 94566
Phone: (925) 484-2333
Fax: (925) 484-2686
E-mail: calfeef@calbeef.org
Web site: www.calbeef.org
Cyber catalog: www.teachfree.com
Nutrition: www.beefnutrition.org

National Cattlemen's Beef Association Materials

Caretakers All

This environmental program includes six hands-on lessons about the care of animals, water, land, plants, resources, and the community through six full-color prints, 12 blackline masters, and a 16-page teacher's guide.

Grades 3-4
$11.95

Take A Cook on the Wild Side

This video kit, containing a 20-minute video, a 16-page leader's guide, eight blackline masters, a poster of retail beef cuts, a ground beef student booklet, and more, teaches students life skills in food safety, nutrition, and beef preparation.

Grades 7-12
Free, request on school letterhead

The Safe Food Journey

This 22" x 32" colorful poster describes the processes that promote a safe food supply with reproducible worksheets and activities on the reverse side.

Grades 2-4
$1.95

Things We Learn From a Cow and a Worm

This 22" x 34" poster with accompanying activities encourages students to consider good environmental stewardship in their daily lives.

Grades 5-6
$1.95

National Cattlemen's Beef Association
Education Department
Post Office Box 670
Bloomingdale, IL 60108-9917
Toll free: (800) 368-3138
Fax: (800) 368-3136
Web site: www.teachfree.com

Ridin', Ropin', & Wranglin'

A 20-minute video about cowboys and cattle. Six lessons and an interactive unit teach students math, language arts, stewardship, and more. A detailed resource directory lists books, videos and more to help teachers and students learn about the life of the modern day cowboy.

Grades 4-8
$30 plus $3.50 s/h (CA residents add 7.375% tax)

Ridin', Ropin', & Wranglin'
Quality Video Service
2936 Paradise Road
Modesto, CA 95358
Phone: (209) 526-9571
Fax: (209) 526-9571
E-mail: ellen@pc-intouch.com

BEES

Also see INSECTS, HONEY, and MATHEMATICS listings

ANR Communication Services Materials

Children and Africanized Honey Bees Video
Geared for young children, this video shows how honey bees help us, where wild bees nest, why Africanized honey bees are dangerous, and what children can do to protect themselves. Available in English and Spanish.

Grades PreK-2
$10 plus $3 s/h, order #V94

Living with Africanized Honey Bees Video
Comparison of European and Africanized honey bees with an explanation of why Africanized honey bees are dangerous, where they nest, how to bee-proof your home, general safety precautions, and what to do if you are attacked by bees.

Grades 5-adult
$10 plus $3 s/h, order # V94-N

University of California
ANR Communication Services
6701 San Pablo Avenue
Oakland, CA 94608-1239
Toll free: (800) 994-8849
Fax: (510) 643-5470
Web site: anrcatalog.ucdavis.edu

Honey Bee Study Prints

Twelve 13" x 18" color enlargements depicting various honey bee behavioral characteristics and beekeeping scenes. Instructional materials, printed on the back of each color photograph, tells what can be observed and learned from the picture, asks questions, gives additional information on the subject, and suggests other sources of information.

Grades K-12
$25.25 plus s/h and tax

Dadant & Sons
2765 S. Golden State Blvd.
Post Office Box 2837
Fresno, CA 93745
Toll free: (877) 432-3268
Fax: (559) 495-0232

BIOTECHNOLOGY

Also see GENETICS and SCIENCE listings

Biotechnology Industry Organization

A variety of basic and detailed information on biotechnology including genetic engineering is available.

Grades 7-12
Free

Biotechnology Industry Organization
1625 K Street NW, Suite 1100
Washington, DC 20006
Phone: (202) 857- 0244
Fax: (202) 857-0237
Web site: www.bio.org

Council for Biotechnology Information

This organization's purpose is to share information about biotechnology, relying on scientific research, expert opinion and published reports. Free information is available including a brochure, *Biotechnology: Good Ideas Are Growing.*

Grades 7-12
Free

Council for Biotechnology Information
Post Office Box 34380
Washington, DC 20043-0380
Phone: (202) 467-6565
Fax: (202) 467-5777
Web site: www.whybiotech.com

Learning is Discovery

Three separate issues are available on different aspects of life science. Issue one titled "Introducing the Concept of Life Sciences," issue two titled "Sustainability: Seed for Thought," and issue three titled "Knowledge: Substrate for Sustainability," focus on having students think about the world around them using genetics as a theme. Biodiversity, sustainable ecosystems, and genetic engineering are addressed in the issues which encourage hands-on learning.

Grades 6-12
Free

The Monsanto Fund
800 North Lindbergh Boulevard
Saint Louis, MO 63167
Phone: (314) 694-4391
E-mail: monsanto.fund@monsanto.com
Web site: www.monsanto.com/monsanto/teachscience

BLUEBERRIES

North American Blueberry Council Materials

Blueberries: A Native American Treasure
This set of instructional pages, downloadable from the Web site, helps students learn to enjoy blueberries and discover the important role blueberries played in the lives of Native Americans and the early colonists.

Grades 2-6
Downloadable from Web site

Blueberry Stickers
These 2" x 3" stickers have an artistic rendition of the blueberry.

Grades K-12
One set of 30 free

The Magic of Blueberries
This poster depicts the beauty and versatility of blueberries with photographs of different blueberry food items.

Grades K-8
Free

The North American Blueberry Council
Attn: Mark Villata
4995 Golden Foothill Parkway, Suite 2
El Dorado Hills, CA 95762
Phone: (916) 933-9399
Fax: (916) 933-9777
E-mail: mvnabc@compuserve.com
Web site: blueberry.org

The New Explorers: The Super Seeds

Since plants were first grown as large crops, they have been exposed to challenging events and biological interactions. This 50-minute video discusses how seeds are engineered to have desired characteristics.

Grades 4-adult
$24.95 plus $5.95 s/h

The World of A & E
Post Office Box 2284
South Burlington, VT 05407-2284
Toll free: (800) 625-9000
Fax: (802) 864-9846
Web site: AandE.com

BOTANY

Also see GARDENING, NURSERY PRODUCTS, SCIENCE, and individual commodity listings

Bean There Grown That - The Botany Lab in a Box

Bean There Grown That combines a seed-growing kit with an interactive CD. Aimed to bring the wonder of science to kids, these ten days of activities prompt students to collect data, read related material, enter observations, follow lab instructions, take measurements, graph results, and create reports via the computer.

Grades 3-6
Prices begin at $39.95 per user
Many licensing options available

Curious Company
2020 Edinburg Avenue
Cardiff, CA 92007
Phone: (760) 942-7450
Web site: www.curiousco.com

K-12 Plant Path-Ways to Science

This Web site assists K-12 biology and general science teachers with lesson plan development. Site includes a "News and Views" section, lessons, experiments, illustrated glossary, and an interactive bulletin board to help bring plant pathology education into the classroom.

Grades K-12
Free on-line information

American Phytopathological Society
3340 Pilot Knob Road
Saint Paul, MN 55121-2097
Phone: (651) 454-7250
Fax: (651) 454-0766
E-mail: aps@scioc.org
Web site: www.apsnet.org/education/K-12PlantPathways/Top.html

The Budding Botanist

Invites students to look at the world around them. It contains hands-on activities that investigate the world of plants. Activities with teacher and student pages include information on seeds, plants, and plant cells.

Grades 3-6
$18.95 plus s/h; request Item #1213
Free catalog

AIMS Education Foundation
Post Office Box 8120
Fresno, CA 93747-8120
Toll free: (888) 733-2467
Fax: (559) 255-6396
E-mail: aimsales@fresno.edu
Web site: www.AIMSedu.org

Wisconsin Fast Plants/Bottle Biology Notes

Frequent newsletters provide teachers with lesson plans and growing ideas using the quick growing Wisconsin Fast Plants. Can be read at and downloaded from the Wisconsin Fast Plants Web site. Workshops available.

Grades K-12
Downloadable from the Web site

Wisconsin Fast Plants
University of Wisconsin-Madison
1630 Linden Drive
Madison, WI 53706
Toll free: (800) 462-7417
Fax: (608) 263-0744
E-mail: wsp@fastplants.org
Web site: fastplants.org

BUTTERFLIES

Also see INSECT listings

Backyard Butterflies

This fact-filled comic book-style story shows butterfly life cycles, habitats, behavior, host plants, metamorphosis, how to attract butterflies with plants, and more. A great way to learn about wildlife and natural resources.

Grades 3-7
1-249 copies, $.70 each
250-499 copies, $.65 each
Other quantity pricing available

National Association of Conservation Districts
Service Center
Post Office Box 855
League City, TX 77574-0855
Toll free: (800) 825-5547
Fax: (281) 332-5259
Web site: www.nacdnet.org

Butterfly Sky

Provides live Monarch caterpillar and chrysalis kits to enable close-up classroom study of the amazing lifecycle of this beautiful butterfly. Complete instructional materials on raising butterflies accompany each kit. Also offers classroom presentations with live caterpillars and butterflies.

Grades K-12
Free catalog

Butterfly Sky
Post Office Box 966
Boyes Hot Springs, CA 95416
Phone: (707) 935-7876
E-mail: info@ButterFlySkyFarm.com
Web site: www.ButterflySkyFarm.com

CAREERS

Also see BIOTECHNOLOGY listing

Agriculture—The Natural Choice

Brochure describes ag-related career opportunities, focusing on six categories and highlighting eight career choices.

Grades 7-adult
$5.50 package of 50

Illinois Agricultural Association
1701 N. Towanda Avenue
Post Office Box 2901
Bloomington, IL 61702-2901
Phone: (309) 557-3334
Fax: (309) 557-2641
Web site: www.agintheclassroom.org

American Chemical Society Materials

Chemistry and You - Discovering Your World

Poster explains all areas of the profession. Includes "Employment Outlook Booklet."

Grades K-12
One copy free

Chemistry in Your Career - Questions and Answers

Guide for students seeking information on careers in chemistry.

Grades 9-12
One copy free

The American Chemical Society
1155 Sixteenth Street NW
Washington, D.C. 20036
Toll free: (800) 227-5558
Fax: (800) 525-5562
Web site: chemistry.org

Bioresource Industries; Biological Engineering; Agricultural Engineering

Three separate pamphlets are available for students to learn about careers in these areas. A list of schools that offer degree programs in biological engineering is also available. Request pamphlets by name.

Grades 9-12
Free

ASAE
2950 Niles Road
St. Joseph, MI 49085-9659
Phone: (616) 429-0300
Fax: (616) 429-0300

California Association of Nurserymen Materials

Choose Horticulture

Brochure on careers in horticulture. Lists colleges and universities with programs.

Grades 7-12
Free

Choose Horticulture Video

16-minute video on all careers in the field including grower, retailer, landscape design, and more.

Grades 7-12
Call for information

California Association of Nurserymen
3947 Lennane Drive, Suite 150
Sacramento, CA 95834
Toll free: (800) 748-6214
Fax: (916) 567-0505
E-mail: can@earthlink.net
Web site: www.can-online.org

California Restaurant Association Educational Foundation Materials

Careers in Foodservice

Resources and services related to careers in the restaurant and foodservice industry; junior-level, managerial, and corporate positions.

Grades 7-12
Free

ProStart School to Career Program

Two-year curriculum, designed for use by high school juniors and seniors, to learn how to succeed in restaurant and foodservice careers. Based upon best industry practices and standards.

Grades 7-12
Free brochure

California Restaurant Association
Educational Foundation
1011 10th Steet
Sacramento, CA 95814
Toll free: (800) 765-4842
Web site: www.calrest.org

Career Development Systems

Career Development Systems has a variety of career lessons and computer curricula available to educators. *CareerWAYS* and *Career Visions* are two of the programs available.

Grades 7-12
Free demonstration CD

Career Development Systems, LLC
5225 Verona Road Building #4
Madison, WI 53711
Toll free: (888) 237-9297
Fax: (608) 288-8051
Web site: careerlocker.com

A Career in Baking

This 16-page pamphlet provides information on career options in the baking industry including certification programs. A free video is also available.

Grades 5-12
Free

The Retailer's Bakery Association
14239 Park Center Drive
Laurel, MD 20707
Toll free: (800) 638-0924
Fax: (301) 725-2187
Web site: www.rbanet.com

Careers in Agronomy

26-page booklet on careers in agronomy, crop, soil, and environmental sciences.

Grades 7-12
Free

American Society of Agronomy
677 South Segroe Road
Madison, WI 53711
Phone: (608) 273-8080
Fax: (608) 273-2021
E-mail: lmalison@agronomy.org
Web site: www.agronomy.org

Careers in Botany

This pamphlet describes the possible careers associated with botany. It includes high school preparation requirements.

Grades 7-adult
One copy free
2-4 copies, $1 each
5+ copies, $.75 each

Botanical Society of America Business Office
Department of Botany
Ohio State University
1735 Neil Avenue
Columbus, OH 43210-1293
Phone: (614) 292-3519
Fax: (614) 247-6444
Web site: www.botany.org

Careers in Floriculture

Brochure describes the positions available in the floriculture industry and includes educational guidelines for these careers.

Grades 7-12
One copy free

Society of American Florists
1601 Duke Street
Alexandria, VA 22314
Toll free: (800) 336-4743
Fax: (703) 836-8705
Web site: www.safnow.org

Careers in Plant Pathology

Brochure describes careers in plant pathology, a science that specializes in plant health.

Grades 7-12
Free
Request English or Spanish version

The American Phytopathological Society
3340 Pilot Knob Road
St. Paul, MN 55121-2097
Phone: (651) 454-7250
Fax: (651) 454-0766
E-mail: aps@scisoc.org
Web site: www.apsnet.org

Careers in Soil Science

Brochure discribes several careers in soil science.

Grades 7-12
Free

American Society of Agronomy
677 South Segroe Road
Madison, WI 53711
Phone: (608) 273-8080
Fax: (608) 273-2021
E-mail: lmalison@agronomy.org
Web site: www.agronomy.org

Careers in Wood Science Technology

Pamphlet describes the various careers in wood science and technology including manufacturing, marketing, and research positions.

Grades 7-12
One copy free

Society of Wood Science and Technology
One Gifford Pinchot Drive
Madison, WI 53705
Phone: (608) 231-9347
Fax: (608) 231-9592
E-mail: vicki@swst.org
Web site: swst.org

Food and Agricultural Careers

Employment Opportunities for College Grads in Food & Ag Sciences (1995-2000)

28-page booklet on science, marketing, finance, education, communication, and production careers.

Grades 7-12
$1.40

Living Science Posters

Bound set of 40 posters features science careers associated with agriculture and natural resources. Job descriptions, needed skills, educational courses, and employment opportunities are on each poster.

Grades K-12
$4

Purdue University
Food & Agricultural Careers for Tomorrow
1140 Ag Administration Building
Room 127 AGAD
West Lafayette, IN 47907-1140
Phone: (765) 494-8473
Fax: (765) 494-8477
Web site: agriculture.purdue.edu/oap

Stewards of the Land

Explore careers in the forest products industry. Brochure covers educational requirements and job descriptions.

Grades 7-adult
Free

California Forest Products Commission
853 Lincoln Way, Suite 208
Auburn, CA 95603
Phone: (530) 823-2363
Fax: (530) 823-1850
E-mail: cfpc@calforests.org
Web site: www.calforests.org

Think About It

Booklet describing potential careers in agribusiness and related agricultural fields.

Grades 7-12
1-25, $ .50 each
26-50, $ .45 each
51 or more, $ .40 each

National FFA Organization
6060 FFA Drive
Post Office Box 68960
Indianapolis, IN 46268-0960
Phone: (317) 802-4334
Fax: (317) 802-5334
E-mail: jarmbruster@ffa.org
Web site: www.ffa.org

CARROTS

Fresh Carrots Fact and Activity Sheet

This California specific fact sheet includes information on fresh carrot production, history, nutrition, and economic value. The activity sheets provide specific lesson ideas and fun facts about carrots.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

CHEESE

Also see DAIRY listings

Daisy Dairy ABC's All aBout Cheese

This 16-page student activity booklet correlated to standards provides information on cows, cheese, recycling, and careers in agriculture.

Grades K-6
$.65 per copy

Hilmar Cheese Company
9001 North Landers Avenue
Hilmar, CA 95324
Phone: (209) 667-6076
Fax: (209) 634-1408
Web site: www.hilmarcheese.com

CHEMISTRY

Also see BIOTECHNOLOGY, CAREERS, and SCIENCE listings

Science Teaching Resources

Catalog lists a variety of publications that relate science to the real world. Titles such as *Chemistry in the Marketplace* and *Apples, Bubbles and Crystals* are available.

Grades K-12
Free catalog

The American Chemical Society
1155 Sixteenth Street, NW
Washington, DC 20036
Toll free: (800) 227-5558
Fax: (202) 872-4615
Web site: chemistry.org

CHERRIES

California's Perfect Snack

Information on California's cherry production includes data on nutrition, varieties, packing, marketing and more.

Grades K-12
One copy free

California Cherry Advisory Board
Post Office Box 877
Lodi, CA 95241
Phone: (209) 368-0685
Fax: (209) 368-4309
Web site: www.calcherry.com

CITRUS

Also see MATHEMATICS listing

Citrus Fruits Fact and Activity Sheet

This California specific fact sheet includes information on citrus fruit production, history, nutritioin, and economic value. The activity sheets provide specific lesson ideas and fun facts on citrus fruits.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Inside the Orange: It's a Juicy Story

This colorful teacher's guide with blackline masters helps students understand the role of fruits and vegetables, particularly citrus and oranges, in maintaining a balanced diet. Four activities included.

Grades 4-6
Free

Sunkist Growers
Consumer Affairs MS 236
Post Office Box 7888
Van Nuys, CA 91409
Web site: www.sunkist.com

COMMODITIES

Also see individual commodity listings

Berry Books Picture Books

Numerous 5" x 7" picture books describe various aspects of agriculture in a simple, animated fashion.

Grades PreK-3
$2.50 each plus s/h
Quantity and teacher discounts available

Berry Books Ltd.
Post Office Box 100
Sparta, OH 43350-0100
Toll free: (800) 486-9546
Fax: (614) 486-9524
E-mail: CPaulson@BerryBooks.com
Web site: www.berrybooks.com

Commodity Fact and Activity Sheets

These California fact sheets include information on production, history, nutrition, top producing counties, and economic values. The activity sheets provide specific lesson ideas and fun facts for each topic. Commodities include almonds, artichokes, avocados, beef, citrus fruits, cling peaches, cut flowers, dairy, dry beans, eggs, fresh carrots, pistachios, pears, processing tomatoes, dried plums, rice, table grapes, strawberries, and walnuts.

Grades K-Adult
One set free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Phone: (916) 561-5625
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

From Farm to Table

This 48-page book is filled with ready-to-use student activities on different aspects of agriculture. May be ordered on-line.

Grades 1-3
$10

Evan-Moor Corporation
18 Lower Ragsdale Drive
Monterey, CA 93940
Toll free: (800) 777-4362
Fax: (800) 777-4332
Web site: www.evan-moor.com

BEST COPY AVAILABLE

COMPOSTING

See GARDENING and WORMS listings

COOPERATIVES

Also see ECONOMICS listing

Co-op Quarterly

Free newsletters, information sheets about cooperatives, and a listing of publications available for purchase.

Grades K-12
Free

Center for Cooperatives
University of California
One Shields Avenue
Davis, CA 95616
Phone: (530) 752-2408
Fax: (530) 752-5451
E-mail: centerforcoops@ucdavis.edu
Web site: cooperatives.ucdavis.edu

CORN

National Corn Growers Association

The National Corn Growers Association Web site has a variety of curricula and student activities available which can be used in multiple subject areas from language to science.

Grades K-12
Available on-line only

National Corn Growers Association
Curriculum Kit
1000 Executive Parkway, Suite 105
St. Louis, MO 63141
Phone: (314) 275-9915
Fax: (314) 275-7061
E-mail: corninfo@ncga.com
Web site: www.ncga.com

The Popcorn Program

This education teaching guide acquaints students with popcorn, its role in history, its many uses, and nutritional value through facts and recipes. Offers ideas in history, science, math, geography, home economics, and health.

Grades K-8
Free

The Popcorn Board
401 North Michigan Avenue
Chicago, IL 60611-4267
Toll free: (877) POPALOT
E-mail: genny-bertalmio@5ba.com
Web site: www.popcorn.org

Teach Me About Corn

This packet contains the chapter book *T.C. Cobb and the Corn Stalk Riddles* to teach students about corn, a teacher's guide, reproducible student activities, bookmarks, and corn seeds.

Grades 4-7
$5

Nebraska Agriculture in the Classroom
Post Office Box 80299
5225 South 16th Street
Lincoln, NE 68501
Toll Free: (800) 546-3496
E-mail: ellen@nefb.com
Web site: www.fb.com/nefb

COTTON

Also see WATER listings

Cottonseed and Its Products

This 24-page pamphlet describes the history of cotton and cottonseed production as well as its many products.

Grades 4-adult
Free

National Cottonseed Products Association, Inc.
Post Office Box 172267
Memphis, TN 38187-2267
Phone: (901) 682-0800
Fax: (901) 682-2856
Web site: www.cottonseed.com

Cotton's Journey - A Field Trip in a Box

Comprehensive kit designed to enrich curriculum through thematic teaching. Kit contains curriculum for grades 1-3, 4-6, and 7-8; student manual; 23-minute video; 22" x 34" photographic poster; planting seeds; cottonseed oil; eleven cotton bolls; samples of cotton; and cotton weave dictionary. All lessons are written for multiple subjects. Aligned to the Content Standards for California Public Schools and National Education Standards.

Grades 1-8
Complete kit (book version) $49 includes tax and s/h
Complete kit (CD-ROM version) $45.77 includes tax and s/h
Posters, books, videos and additional resources may be ordered separately from the Web site.

The Alaca Company
Post Office Box 55
Tranquillity, CA 93668
Toll free: (800) 698-1888
Fax: (800) 698-1888
E-mail: admin@cottonsjourney.com
Web site: www.cottonsjourney.com

Crazy About Cotton

This activity book and video package provides an opportunity for students to take a close look at cotton from seed to distribution including planting, irrigation, harvesting and ginning. Each of the nine film segments ends with an investigative question that leads to the hands-on activities in the book.

Grades 3-7
Activity book and video: $38.95 plus tax, s/h; request item # 4085
Activity book: $18.95 plus tax, s/h; request item # 1216
Video: $19.95 plus tax, s/h; request item # 4082
Free catalog

AIMS Education Foundation
Post Office Box 8120
Fresno, CA 93747-8120
Toll Free: (888) 733-2467
Fax: (559) 255-6396
E-mail: aimsales@fresno.edu
Web site: www.AIMSedu.org

National Cotton Council Materials

Cotton From Field to Fabric

Story of cotton with teacher's manual.

Grades K-12
One copy free, $ .50 per additional copy

Cotton: The Perennial Patriot

Leaflet traces cotton's role in the history of our nation since 1607.

Grades K-12
30 copies free, $ .50 per additional copy

Cotton Wall Chart

Colorful 21" x 28" chart showing the steps of cotton production and processing.

Grades K-12
One copy free, $ .50 per additional copy

"The Story of Cotton" Booklets

Booklet describes production and processing.

Grades K-12
30 copies free, $ .25 per additional copy

"The Story of Cotton" Kit

Classroom teaching packet includes samples of cotton, booklets, and wall charts.

Grades K-12
$15 includes postage

Free brochure of additional items available

National Cotton Council
Communications Service Department
Post Office Box 820285
Memphis, TN 38182
Phone: (901) 274-9030
Fax: (901) 725-0510
E-mail: info@cotton.org
Web site: cotton.org

Tractors, Cotton-Pickers and the Stuff Kids Wear

This 30-minute video shows how a child's favorite pair of jeans comes from a tiny cotton seed. Covers the struggles of the tiny silkworm to the rumblings of a giant cotton harvester and how natural fibers are transformed into clothing.

Grades K-6
$19.95 plus $4.95 s/h VISA/MC/AMEX

Just Our Size Videos
14010 Falls Road
Cockeysville, MD 21030
Toll free: (800) 808-FARM
Fax: (410) 584-7261

CRANBERRIES

All 'Bout Cranberries

An exciting new teaching tool that covers many aspects of cranberry growing and takes the user on a journey from the cranberry bog to the kitchen table. Contains 15 reproducible activity sheets covering science, history, geography, and language arts. Contains a colorful informative poster, puzzle, word search, maze, problem-solving exercises, and much more!

Grades K-8
$5 includes s/h

Cape Cod Cranberry Growers' Association
3203-B Cranberry Highway
East Wareham, MA 02538
Phone: (508) 295-4895
Fax: (508) 291-1511
E-mail: cccga@capecod.net
Web site: www.cranberries.org

DAIRY

Also see CHEESE, GOATS, and LIVESTOCK listings

Dairy Breeds of North America

Large poster for classroom use.

Grades K-12
$10

Purina Mills, LLC
Dairy Breed Poster
Post Office Box 66812
St. Louis, MO 63166
Web site: dairy.purina-mills.com

Dairy Council of California

See NUTRITION listings

Dairy Fact and Activity Sheet

This California specific fact sheet includes information on dairy production, history, nutrition, and economic value. The activity sheets provide specific lesson ideas and fun facts on the dairy industry.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

The Milk Makers

Learn how milk travels from a dairy cow to the neighborhood supermarket in this exciting Reading Rainbow video created from the story *The Milk Makers* by Gail Gibbons.

Grades PreK-3
$45.95 includes s/h

GPN
Post Office Box 80669
Lincoln, NE 68501-0669
Toll free: (800) 228-4630
Fax: (800) 306-2330
Web site: gpn.unl.edu/rainbow

National Dairy Council Materials

Milk: From Cow to You
Poster and package describing steps in milk production, processing and marketing. Includes teacher's guide, poster, and thirty handouts.

Grades K-6
$14 includes s/h

Pyramid Cafe®
Teacher guide, poster, and student workbooks teach primary grade children good eating habits, sound nutrition and the Food Guide Pyramid. Includes 30 student workbooks.

Grade 2
Free to second grade teachers

Pyramid Exploration™
Teacher guide, poster, and student workbooks teach intermediate grade children good eating habits, sound nutrition and the Food Guide Pyramid. Includes 30 student workbooks.

Grade 4
Free to fourth grade teachers

National Dairy Council
c/o Inland Marketing
3030 Airport Road
La Cross, WI 54603
Toll free: (800) 426-8271
Fax: (800) 974-6455
Web site: www.nutritionexplorations.org

DRIED PLUMS

Dried Plums Fact and Activity Sheet
This California specific fact sheet includes information on dried plum production, history, nutrition and economic value. The activity sheet provides specific lesson ideas and fun facts on dried plums.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

ECONOMICS

Also see AGRICULTURE, COOPERATIVES, and STATISTICS listings

Commodity Challenge
This booklet helps students learn more about the economic factors that affect the prices of commodities such as supply and demand. Students may develop projects using suggested guidelines.

Grades 9-12
$2

Chicago Board of Trade
Publications Department
141 W Jackson, Suite 2210
Chicago, IL 60604-2994
Fax: (312) 341-3168

ERS-NASS - Products and Services from USDA's Economics Agencies
Catalog provides a list of various resources pertaining to the economic areas of trade, production, rural development, stocks, inventories, disposition, utilization and prices of agricultural commodities and other items such as labor and farm numbers.

Grades 9-adult
Free catalog

ERS-NASS
5285 Port Royal Road
Springfield, VA 22161
Toll free: (800) 999-6779
Fax: (703) 605-6900
E-mail: ERS.NASS@ntis.fedworld.gov

Foundation for Teaching Economics

Economic Forces in American History
Six-day residential, cross-curricular programs that show teachers how to integrate economics into American history courses.

Grades 9-12 history teachers
Free (except travel) to selected applicants

Economics for Leaders
One-week residential programs where teachers learn how to use interactive approaches to teach economics. Twelfth grade students are introduced to economics and leadership roles.

Grade 12 and teachers
Free (except travel) to selected applicants

The Environment and the Economy
Four-day, residential, multi-disciplinary programs that show teachers how to use economic analysis when discussing environmental issues.

Grades 9-12 economics teachers
Free (except travel) to selected applicants

Foundation for Teaching Economics
260 Russell Boulevard, Suite B
Davis, CA 95616-3839
Phone: (530) 757-4630
Fax: (530) 757-4636
E-mail: information@fte.org
Web site: www.fte.org

National Council on Economic Education
Catalog of multi-grade economic education curriculum guides, teaching strategies, and classroom materials for grades K-12. Includes publications for junior and senior high students to help them learn about the complementary relationship between their economic well-being and environmental resources.

Grades K-12
Free catalog

National Council on Economic Education
1140 Avenue of the Americas
New York, NY 10036
Toll free: (800) 338-1192
Fax: (212) 730-1793
Web site: www.ncee.net

Taking Care of Business
A multi-media business educational kit that introduces students to business and community service organizations and government agencies. Components include teacher guide, transparencies, posters, video, handouts, and glossary.

Grades 4-12
$20 includes s/h

National Council of Farmer Cooperatives
Education Department
Attn: Gloria Terrell
50 F Street NW, Suite 900
Washington, DC 20001
Phone: (202) 879-0819
Fax: (202) 737-6430
E-mail: gterrell@ncfc.org
Web site: www.ncfc.org/resources/education/pubs-videos.htm

EDUCATION-GENERAL

CDE Press
The Content Standards for California Schools, subject matter frameworks, and all other California Department of Education publications are available through this company. They are also available on the California Department of Education Web site.

Grades K-12
Free catalog

CDE Press, Sales Office
California Department of Education
Post Office Box 271
Sacramento, CA 95812-0271
Phone: (916) 445-1260
Fax: (916) 323-0823
Web site: www.cde.ca.gov/cdepress

BEST COPY AVAILABLE

EGGS

Also see EMUS listing

American Egg Board Materials

Adventures with Mighty Egg Kit
Curriculum unit features a whole-language, hands-on approach. Teacher's guide, reading list, activity sheets, poster, and stickers are included.

Grades K-3
$9 includes tax and s/h

The Incredible Classroom Eggsperience Kit
Covers recipe writing, nutrition, food safety, economy cooking, cooking functions, and more. Components include teacher's guide, activity sheets, poster, set of 30 stickers, and pocket folder.

Grades 7-12
$9 includes tax and s/h

The Incredible Classroom Eggsperience Video
Complementing the print kit, this 17-minute video includes basic egg production, nutrition, food safety, and preparation information within a student-friendly storyline.

Grades 7-12
$9.50 includes tax and s/h

The Incredible Journey from Hen to Home
Cross-curricular unit with real-life problems teaches basic skills in language arts, math, science, nutrition, and consumer education. Includes teacher's guide with activities and reading list, poster, and bookmarks.

Grades 4-6
Available on-line

We Are Eggstra Special Booklet
Activity booklet provides suggestions for hands-on activities suitable for early childhood education. Reproducible parent letter included.

Grades PreK-K
$5.50 includes tax and s/h

American Egg Board
1460 Renaissance Drive
Park Ridge, IL 60068
Fax: (847) 296-7007
E-mail: aeb@aeb.org
Web site: www.aeb.org

Eggs Fact and Activity Sheet
This California specific fact sheet includes information on egg production, history, nutrition, and economic value. The activity sheets provide specific lesson ideas and fun facts on eggs.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Resources

EMUS

The Australian Emu Embryonic Development Poster
This colorful 19" x 24" poster shows the normal development stages of the emu embryo and recommended incubation conditions that should produce healthy emu chicks.

Grades 7-12
$7.50 plus $2.50 s/h
Request order form for multiple copies

University of California
ANR Communication Services – Publications
6701 San Pablo Avenue
Oakland, CA 94608-1239
Toll free: (800) 994-8849
Fax: (510) 643-5470
Web site: anrcatalog.ucdavis.edu

ENTOMOLOGY

See INSECTS listings

ENVIRONMENT

Also see AGRICULTURE, SOIL, TREES, and WATER listings

Acorn Naturalists

This catalog provides descriptions and purchasing information for resources to use in the classroom as well as outdoors.

Grades K-12
Free catalog

Acorn Naturalists
155 El Camino Real
Post Office Box 2423
Tustin, CA 92781-2423
Toll free: (800) 422-8886
Fax: (800) 452-2802
Web site: acornnaturalists.com

Adopt-A-Watershed

Watershed educational curricula and training programs show educators and students how to learn about and become actively involved in a local watershed. Spanish translations of some curricula available.

Grades K-12
Free informational flyer

Adopt-A-Watershed
98 Clinic Avenue
Post Office Box 1850
Hayfork, CA 96041
Phone: (530) 628-5334
Fax: (530) 628-4212
E-mail: aaw@adopt-a-watershed.org
Web site: www.adopt-a-watershed.org

Environmental Education Resource Guide

This guide contains 70 pages with descriptions of environmental education resources available throughout California and nationwide such as teaching materials, environmental education sites and facilities, speakers and organizations that provide environmental education information and programs.

Grade K-12 educators
$8.95 plus s/h

CDE Press, Sales Office
California Department of Education
Post Office Box 271
Sacramento, CA 95812-0271
Toll free: (800) 995-4099
Fax: (916) 323-0823
Web site: www.cde.ca.gov/cdepress

EnviroScape

EnviroScape has a variety of models and model-building kits with accompanying lesson plans that emphasize everyone's personal responsibility towards water quality. Non-point source pollution is easily identified when students use the colorful molded landscape models and makes environmental issues easy to understand.

Grades K- adult
Free catalog

EnviroScape
14524-F Lee Road
Chantilly, VA 20151
Phone: (703) 631-8810
Fax: (703) 631-6558
E-mail: Erin-Foster@erols.com
Web site: www.enviroscape.com

Explorations in Backyard Biology

Students will discover a world of learning in their own backyards with this resource. Classroom, field and garden activities offer young learners an opportunity for hands-on exploration of life science and other subjects across the curriculum.

Grades 4-6
$25 includes s/h if prepaid

Teacher Ideas Press
Dept. J 9 8
Post Office Box 6633
Englewood, CO 80155-6633
Toll free: (800) 237-6124
Fax: (303) 220-8843
E-mail: lu-books@lu.com
Web site: www.lu.com

Keepers of the Earth, Native American Stories and Environmental Activities for Children

Interdisciplinary, comprehensive curriculum guide that incorporates Native American stories and encourages respect for the environment. Teacher guide available.

Grades K-8
$19.95 plus s/h
Teacher's Guide $9.95 plus s/h

Fulcrum Publishing
16100 Table Mountain Parkway
Golden, CO 80403
Toll free: (800) 992-2908
Fax: (800) 726-7112
Web site: www.fulcrum-books.com

Project Learning Tree

PLT is an environmental education program designed for teachers and other educators working with students grades pre-K through 12. Activity guides and modules for teachers to help educate students about forest ecology, municipal solid waste, and natural resources. A workshop must be attended to receive materials.

Grades PreK-12
List of workshop schedules on Web site

Kay Antunez
Project Learning Tree Coordinator
California Department of Forestry and Fire Protection
Post Office Box 944246
Sacramento, CA 94244-2460
Phone: (916) 653-7958
Fax: (916) 653-6378
Web site: www.plt.org

Schoolyard Ecology

Includes five distinct teacher-directed, student activities in which students explore their outdoor environment using science and math skills. 112 pages.

Grades 3-6
$16 plus s/h

University of California, Berkeley
GEMS
Lawerence Hall of Science, #5200
Berkeley, CA 94720-5200
Phone: (510) 642-7771
Fax: (510) 643-0309
Web site: www.lhsgems.org

Stream and Riparian Area Management, Home Course for Educators

This four-video set with accompanying instructional materials is specifically designed to assist livestock producers and others in managing their riparian areas and streams.

Grades 9-adult
Written materials and videos, $80 includes s/h
Videos only, $55 includes s/h
Written materials only, $25 includes s/h

MSU Extension Publications
Post Office Box 172040
Bozeman, MT 59717-2040
Phone: (406) 994-3273
Fax: (406) 994-1756
Web site: www.montana.edu/wwwpub/pubscatalog.html

FARM EQUIPMENT

Also see AGRICULTURE-GENERAL and GARDENING listings

Farm Equipment Coloring Book

This children's coloring book has 39 detailed drawings of the various types of farm equipment used on farms. A parent/teacher reference guide providing additional information on each piece of equipment is included in the back of the book as well as limited permission for teachers to copy the illustrations for classroom use.

Grades K-3
$4.75 plus $1.25 s/h, includes tax

Ed D. Bear Enterprises
Post Office Box 7510
Auburn, CA 95604-7510
Phone: (530) 823-6641
Fax: (530) 823-6641

John Deere

This company has an on-line children's book and child-sized versions of John Deere Equipment.

Grades K-3
On-line catalog available

John Deere
www.deerefun.com

BEST COPY AVAILABLE

Simple and Complex Machines in Agriculture

Through investigation, writing, and experimenting, students learn about simple machines such as inclined planes, levers, pulleys, and wedges. They see how these machines assist people including farmers and ranchers. Aligned to the Content Standards for California Public Schools.

Grades 2-5
$10 plus tax
Free on-line version

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

FARM SAFETY

Careful Country, Farm Safety

A child-oriented coloring and activity book teaches farm safety. The teacher's kit is a self-contained unit of materials teaching rural safety. It includes a video, activity book, and lesson plan.

Grades K-6
1-25 books, $1 each plus s/h
26-159 books, $.75 each plus s/h
160+ books, $.55 each plus s/h
Teacher's kit, $35 plus s/h

Indiana Rural Safety and Health Council
Purdue University
1146 Agricultural Engineering & Biological Engineering
West Lafayette, IN 47907-1146
Phone: (765) 494-5013
Fax: (765) 496-1356
Web site: www.farmsafety.org

Farm Safety 4 Just Kids Catalog

This catalog is full of interesting items which can be used to teach children about farm safety. Items include educational resources, videos, promotional items, clothing, and displays.

Grades K-12
Free catalog

Farm Safety 4 Just Kids
Post Office Box 458
Earlham, IA 50072-0458
Toll free: (800) 423-KIDS
Fax: (515) 758-2517
Web site: www.fs4jk.org

FARMER'S MARKETS

Farmer's Market: Families Working Together

This book, filled with colorful photographs, presents a behind-the-scenes look at two families who sell produce at a Midwestern farmer's market.

Grades 3-6
$23.93 plus s/h

Lerner Publishing Group
1251 Washington Avenue North
Minneapolis, MN 55401-1036
Toll free: (800) 328-4929
Fax: (800) 332-1132
E-mail: Custserve@lernerbooks.com
Web site: www.lernerbooks.com

FERTILIZERS

Also see MINERALS listings

California Fertilizer Foundation Grants

Grants for garden projects given to California schools. These $500 grants have application deadlines of March 1 and October 1 each year. To apply, download an application from the California Fertilizer Foundation Web site, or contact the California Fertilizer Foundation.

California Fertilizer Foundation
1801 I Street, Suite 200
Sacramento, CA 95814
Phone: (916) 446-3316
Fax: (916) 446-3067
E-mail: jenniferl@cpha.net
Web site: www.calfertilizer.org

California Plant Health Association

Lending library of VHS tapes and slide sets.

Grades 6-12
Free catalog and loan

California Plant Health Association
1801 I Street, Suite 200
Sacramento, CA 95814
Phone: (916) 446-3316
Fax: (916) 446-3067
E-mail: jenniferl@cpha.net
Web site: www.cpha.net

Plant Nutrient Fact and Activity Sheets

Individual fact and activity sheets are available on the three primary nutrients plants require—nitrogen, phosphorus, and potassium. The fact sheets provide information about how plants utilize these nutrients, where these nutrients come from, and the history of their commercial development. The activity sheets provide specific lesson ideas and fun facts on the topics.

Grades 4-adult
One set free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Potash and Phosphate Institute Materials

Fun with the Plant Nutrient Team

Activity book and teacher guide cover the 16 nutrients needed by plants for healthy growth and production.

Grades K-3
$3
Free catalog

Understanding Nitrogen in Our World

A scientific look at where we find nitrogen, how nitrogen affects our lives and why nitrogen has such an important role.

Grades 4-6
$1.50

Understanding Phosphorus in Our World

Phosphorus is an essential element for both plant and animal growth. This booklet explains the need for phosphorus in producing plentiful and nutritious food.

Grades 4-6
$1.50

Understanding Potassium in Our World

Potassium is known as the "quality" nutrient and serves to regulate many of the key functions in plants. Humans and crops must have adequate potassium for good health.

Grades 4-6
$1.50

Potash and Phosphate Institute
655 Engineering Drive, Suite 110
Norcross, GA 30092-2821
Phone: (770) 447-0335

FIBERS

Also see COTTON, SHEEP, and WOOL listings

It's A Puzzlement

Packet of materials designed to help students learn how cotton, wool, and leather are manufactured into textile and other basic consumer goods.

Grades 3-6
$8

National Farm-City Council
225 Touhy Avenue
Park Ridge, IL 60068
Phone: (847) 685-8663
Fax: (847) 685-8969

FIGS

Figs Are A Major Munch!

Information on the nutrients found in figs, usage tips, and recipes.

Grades K-12
Free

California Fig Advisory Board
Post Office Box 709
Fresno, CA 93712
Phone: (559) 224-3447
Fax: (559) 224-3449
E-mail: info@californiafigs.com
Web site: www.californiafigs.com

FISH

See AQUACULTURE and SEAFOOD listings

FLOWERS

Also see GARDENING, NURSERY PRODUCTS, SEEDS, and SUNFLOWERS listings

Cut Flowers Fact and Activity Sheet

This California specific fact sheet includes information on cut flower production, history, and economic value. The activity sheets provide specific lesson ideas and fun facts on cut flowers.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

FOOD SAFETY

Also see NUTRITION, PORK, and SCIENCE listings

California Restaurant Association Educational Foundation

A broad range of training products and services in food safety and sanitation. Includes classroom materials, videos, on-line learning products.

Grades 3-12
Free information

California Restaurant Association
Educational Foundation
1011 10th Steet
Sacramento, CA 95814
Toll free: (800) 765-4842
Web site: www.calrest.org

Food Safety Music

Carl Winter, Ph.D. has combined his passion for music with his expertise in food toxicology to teach children and adults about food safety. Dr. Winter's latest CD *Still Stayin' Alive* features numerous songs written to previous musical hits. Titles include "Eat It!," "Beware La Vaca Loca," and "You Better Wash Your Hands." Three different CDs are available on a donation basis and information concerning Dr. Winter's food safety music and CD ordering is available on the music Web site.

Grades 1-adult
Donation requested

Carl Winter
Food Science and Technology Department
University of California
One Shields Avenue
Davis, CA 95616-8598
Phone: (530) 752-2647
Fax: (530) 752-3975
E-mail: ckwinter@ucdavis.edu
Web site: foodsafe.ucdavis.edu
Food Safety Music Web site: foodsafe.ucdavis.edu/music.html

The Great Food Fight

This 13-minute video with accompanying teaching materials presents food safety information including content on foodborne illnesses, microorganisms, and proper food handling.

Grades 4-12
One free copy per school, request on-line or fax on school letterhead

The Great Food Fight
c/o Video Placement Worldwide
Post Office Box 58142
St. Petersburg, FL 33715-9976
Fax: (800) 358-5218
Web site: www.vpw.com

Science and Our Food Supply—Investigating Food Safety From Farm to Table

This new curriculum, sponsored jointly by the National Science Teacher's Association and the Food and Drug Administration, comes complete with separate guides for middle school and high school science teachers. Includes an interactive video, "Dr. X and the Quest for Food Safety," and the comprehensive Food Safety A to Z Reference Guide. Varied activities are easy to incorporate into all curricula. Includes insider interviews with real-life scientists and a career guide.

Grades 6-8, 9-12
Free, must order from Web site

National Science Teacher Association
1840 Wilson Boulevard
Arlington VA 22201-3000
Toll free: (800) 277-5300
Web site: www.foodsafety.gov/~fsg/teach.html

FORESTRY AND FOREST PRODUCTS

Also see TREES, NURSERY PRODUCTS, and individual commodity listings

California Forest Products Commission Materials

A Lot of What We Do is for the Birds Forest Stewardship Poster

This 15" x 19" color poster provides information on forest management, endangered species, natural disturbances, animal habitats, and reforestation.

Grades 4-12
Free

A Walk in the Woods

Activity booklet explores the woods, the trees that grow there and the animals that live in its shelter. Spanish version available.

Grades K-6
Free

Environmental Education Unit

Forest education unit with background materials and lesson plans for the teacher and games, activities, art projects and vocabulary for students. Reproducible masters included.

Grades K-8
Free

Los Bosques de California

An eight-page question-answer booklet in forest education. This Spanish language publication explores what California forests are like, what trees in these forests are like, and what tangible and intangible values they provide. It also addresses how our forests have evolved and how they are protected to ensure that both economic and environmental needs are met.

Video Lending Library

Forest education titles on loan from the California Forest Products Commission. Brochure contains a list of titles, synopses and age appropriate information.

Grades K-12
Free

We Care for the Forests

Forest background information for teachers and high school students. Includes color graphs, charts, and graphic representations that serve well as overheads and bulletin board components. 18 pages.

Grades 9-12
Free

California Forest Products Commission
853 Lincoln Way, Suite 208
Auburn, CA 95603
Phone: (530) 823-2363
Fax: (530) 823-1850
E-mail: cfpc@calforests.org
Web site: www.calforests.org

Forest Resources Fact and Activity Sheet

This two-sided document provides quick, accurate facts on the sources, uses, history, and economic value of resources obtained from California forests. It also includes lesson ideas and fun facts on the topic.

Grades K-adult
One copy free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Forestry Institute for Teachers

A week-long summer program for California's K-12 teachers. Teachers work with professional natural resource managers and environmental education specialists to update their knowledge about forests and their management, and develop a curriculum unit for the classroom.

Grades K-12
Free

Forestry Institute for Teachers
NorCal SAF
13297 La Barr Meadows Road
Grass Valley, CA 95949
Toll free: (800) 738-TREE
Fax: (800) 738-8733
E-mail: info@forestryinstitute.org
Web site: www.forestryinstitute.org

Lessons in Appalachian Forestry

Lessons about the trees and ecology of the Appalachian region including wood utilization, forest management, and characteristics of trees grown in the Appalachian region.

Grades 7-adult
1-10 copies free
11+ copies, $3 each including s/h
Send request on school letterhead

Appalachian Hardwood Manufacturers, Inc.
Post Office Box 427
High Point, NC 27261
Phone: (336) 885-8315
Fax: (336) 886-8865
Web site: appalachianwood.org

Talk About Trees

A non-profit program dedicated to educating children about the responsible management and use of trees. Facilitators visit elementary schools throughout the state free of charge and provide one-hour presentations, which follow statewide curriculum guidelines. The program is designed to encourage awareness and appreciation for the value of trees and forests in the daily lives of people, and provide a better understanding of the methods used to conserve, manage, and protect forest resources.

Grades 3-6
Free

Talk About Trees
Attn: Deanne Repetto
4201 New Wagon Ridge Road
Placerville, CA 95667
Phone: (530) 626-5187
E-mail: rockyridge@jps.net
Web-site: www.talkabouttrees.org

FRUITS

See AGRICULTURE-GENERAL, NUTRITION, VEGETABLES, and individual commodity listings

GARDENING

Also see AGRICULTURE, ENVIRONMENT, GREENHOUSES, HYDROPONICS, NURSERY PRODUCTS, and NUTRITION listings

Accessible Gardening for People with Physical Disabilities

Learn how to make your existing garden more accessible or how to create a new one which is accessible by people with physical disabilities.

Grades K-adult
$16.95 plus $4.50 s/h

Woodbine House
6510 Bells Mill Road
Bethesda, MD 20817
Toll free: (800) 843-7323
Fax: (301) 897-5838
E-mail: info@woodbinehouse.com
Web site: www.woodbinehouse.com

Beyond the Bean Seed, Gardening Activities for Grades K-6

These gardening projects provide educators and their students with a dynamic springboard for learning in a variety of subjects. Each gardening activity includes literature connections and recipes.

Grades K-6
$26 includes s/h if prepaid

Teacher Ideas Press
Dept. J 9 8
Post Office Box 6633
Englewood, CO 80155-6633
Toll free: (800) 237-6124
Fax: (303) 220-8843
E-mail: lu-books@lu.com
Web site: www.lu.com

California Department of Education's School Garden Resource Packet

This resource supports the California Department of Education's "Garden in Every School" initiative. It provides a variety of useful information to help schools start and maintain an instructional school garden. Special emphasis is on garden-enhanced nutrition education. Some parts are available on the Internet.

Grades K-12
Free

"A Garden in Every School" Project
Nutrition Services Division
California Department of Education
560 J Street, Suite 270
Sacramento, CA 95814
Phone: (916) 455-0850
Fax: (916) 323-4311
Web site: www.cde.ca.gov/nsd/nets/g_index.htm

California Fertilizer Foundation Grants

Grants for garden projects available to California schools. These $500 grants have application deadlines of March 1 and October 1 each year. To apply, download an application from the California Fertilizer Foundation Web site, or contact the California Fertilizer Foundation.

California Fertilizer Foundation
1801 I Street, Suite 200
Sacramento, CA 95814
Phone: (916) 446-3316
Fax: (916) 446-3067
E-mail: jenniferl@cpha.net
Web site: www.calfertilizer.org

Children's Gardens - A Field Guide

200-page field manual includes step-by-step instructions for developing school gardens. Third edition.

Grades K-8 and beginning gardeners of all ages
$15.50 payable to UC Regents

University of California Cooperative Extension
Common Ground Urban Garden Program
2 Coral Circle
Monterey Park, CA 91755
Phone: (323) 838-4540
Fax: (323) 838-7408
E-mail: gjmitche@ucdavis.edu
Web site: celosangeles.ucdavis.edu

Cultivating A Child's Imagination Through Gardening

Educators can spark the interest and imagination of students and cultivate learning with these delightful projects based on a gardening theme. Each lesson focuses on a specific book about gardening and offers a variety of engaging activities.

Grades K-6
$24 includes s/h if prepaid

Teacher Ideas Press
Dept. J 9 8
Post Office Box 6633
Englewood, CO 80155-6633
Toll free: (800) 237-6124
Fax: (303) 220-8843
E-mail: lu-books@lu.com
Web site: www.lu.com

The Davis Street SMaRT Guide to Developing a School Garden

Guide covers case studies, school garden planning, planting and maintenance. Resource listings include books, curricula, supplies and technical assistance.

Grades K-12
Free

Davis Street Education Center
2615 Davis Street
San Leandro, CA 94577
Phone: (510) 563-4282
Fax: (510) 563-4210
Web site: www.educenter.org

Digging Deeper, Integrating Youth Gardens Into Schools and Communities

Includes the planning and implementing of school garden projects. 141 pages.

Grades 3-12
$19.95 plus s/h

Common Roots Press Food Works
64 Main Street
Montpelier, VT 05602
Toll free: (800) 310-1515
Fax: (802) 229-5277
E-mail: foodworks@together.net

BEST COPY AVAILABLE

Easy Garden Planting Bin

This bin, made of heavy gauge aluminum is 4' wide x 5' long and 13" high. Comes complete with all hardware and instructions for easy assembly. Cold frames, screen covers, vermicomposters, and poultry pens are available. Great for self-contained school gardens.

Grades K-adult
Prices vary

Easy Garden
Post Office Box 177
Carl Junction, MO 64834-0177
Toll free: (800) 257-8744
Fax: (417) 649-7278
E-mail: info@surgi.com
Web site: www.easy-garden.com

Farming is Food, Fiber, Flowers, and Fun! Workbook and Resource Guide for Growers of School Gardens

Step-by-step guide to implementing and/or managing a school garden. Ideas are provided that will help generate local support, find volunteers, locate curriculum materials, and design successful garden programs. Listing of agricultural resources, and key agricultural commodities classified by county. Useful forms are also provided to recognize participation and achievement.

Grades K-12
$40 plus shipping

The Agricultural Network
Post Office Box 19897
Sacramento, CA 95814
Phone: (916) 434-9409
Fax: (916) 434-9409
E-mail: jlsherbo@mindsync.com

Fulcrum Publishing

This company has a variety of current publications on a variety of topics including gardening.

Grades K-adult
Free catalog and downloadable information

Fulcrum Publishing
16100 Table Mountain Parkway
Golden, CO 80403
Toll free: (800) 992-2908
Fax: (800) 726-7112
Web site: www.fulcrum-books.com

Junior Master Gardener$_{sm}$ *Program*

The Junior Master Gardener Program is an international 4-H project for children that teaches horticultural and environmental science concepts and leadership development through fun garden-related activities. This program uses horticulture as a vehicle to enhance science, mathematics, and other academic skills while facilitating youth to participate in service learning and volunteer projects in their communities. Suitable for many different youth groups including, after-school programs and youth clubs.

Grades 3-8
Free Information

California JMG
Susan Gloeckler
669 County Square Drive, Suite 100
Ventura, CA 93003
Phone: (805) 662-6943
Fax: (805) 645-1474
E-mail: sygloeckler@ucdavis.edu
Web site: jmgkids.com

Life Lab . . . A Growing Adventure

Life Lab Science Program offers a variety of publications and professional development opportunities for educators using the garden as an outdoor classroom or Living Laboratory for hands-on learning. Publications include *The Growing Classroom* (activity guide for grades 2-6), *Life Lab Science:* (K-5 Garden Based Science Curriculum), and *Getting Started: A Guide for Creating School Gardens as Outdoor Classrooms.* The Life Lab Science Program also offers hands-on workshops for teachers and parents.

Grades K-6
Free information packet

Life Lab Science Program
1156 High Street
Santa Cruz, CA 95064
Phone: (831) 459-2001
Fax: (831) 459-3483
E-mail: lifelab@zzyx.ucsc.edu
Web site: www.lifelab.org

BEST COPY AVAILABLE

National Gardening Association Materials

From Seed to Seed: Plant Science for K-8 Educators

This on-line course is for educators who already incorporate botany and gardening into their curriculum and for those who would like to do so. In addition to core botanical and horticultural information, this resource includes illustrations, photographs, inspirational stories, and standards-based activities and experiments.

Grades K-8
$60

GrowLab: A Complete Guide to Gardening in the Classroom

This 128-page teacher's guide has a wealth of information on the "how-to" of indoor gardening, with many useful ideas for class projects and activities. It also includes plans for building a homemade GrowLab Indoor Garden.

Grades K-8
$19.95 plus s/h

GrowLab: Activities for Growing Minds

This 320-page, K-8 curriculum guide includes creative, interdisciplinary activities to help you stimulate scientific inquiry with an indoor garden. Includes reproducible student record-keeping sheets and a comprehensive, annotated resource section.

Grades K-8
$24.95 plus s/h

Kidsgardening

This Web site is an interactive hub where teachers, parents, and others who garden with kids find inspiration, advice, and opportunities for exchange. It features an intensive article library of classroom stories and activities; a resource directory with grants, books, Web links, and free materials.

Grades K-12
Free

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Toll free (800) 538-7476
Fax: (802) 864-6889
E-mail: info@kidsgardening.com
Web site: www.kidsgardening.com

Native American Gardening, Stories, Projects and Recipes for Families

Through stories and gardening activities, this book invites readers to learn about growing native crops and using them in recipes. Learn how to make corn husk dolls and gourd birdhouses, play the Cherokee Butterbean Game and more.

Grades K-adult
$15.95 plus s/h

Fulcrum Publishing
16100 Table Mountain Parkway
Golden, CO 80403
Toll free: (800) 992-2908
Fax: (800) 726-7112
Web site: www.fulcrum-books.com

Natural Learning

Using one elementary school as a model, specific details are provided on how an asphalt play area was converted to a natural learning center containing trees, paths, plants, and wildlife. 280 pages.

Grades K-12
$29.95 plus s/h

MIG Communications
800 Hearst Avenue
Berkeley, CA 94710
Toll free: (800) 790-8444
Fax: (510) 845-8750
E-mail: marilyn@migcom.com
Web site: www.migcom.com

Real Tools for Kids

Child-size garden tools: shovels, rakes, hoes, and hand trowels with metal heads and wood handles. Small tools for ages 3-6, and larger tools for ages 7-12. Small wheelbarrows and child-size gloves also available.

Grades preK-6
Free catalog

Gardens for Growing People
Post Office Box 630
Point Reyes, CA 94956
Phone: (415) 663-9433
Fax: (415) 663- 9433
E-mail: growpepl@svn.net
Web site: svn.net/growpepl

Resources for Garden Based Education

This catalog lists a variety of resources and equipment which can be ordered to enhance garden-based education.

Grades K-12
Free catalog

Gardens For Growing People
Post Office Box 630
Point Reyes, CA 94956
Fax: (415) 633-9433
Phone: (415) 663-9433
E-mail: growpepl@svn.net
Web site: svn.net/growpepl

Seeds of Knowledge for a Harvest of Understanding

This 18- minute video provides the know-how needed to start a school garden. Guidance on the key gardening elements—light, air, water, and soil—are discussed in an easy-to-follow video with actual footage of several school garden start-ups.

Grades K-12
$10 includes s/h and tax

California Fertilizer Foundation
1801 I Street, Suite 200
Sacramento, CA 95814
Phone: (916) 446-3316
Fax: (916) 446-3067
E-mail: jenniferl@cpha.net
Web site: www.calfertilizer.org

Teams with Intergenerational Support, Focus on Gardening and Nutrition (TWIGS)

Includes 30 field-tested lessons connecting gardening with nutrition for children. Each 1½ hour hands-on activity offers extensions and contains reproducible handouts. Relationships to California Content Standards are identified.

Grades K-6
Free brochure
$25 includes s/h
Make check payable to UC Regents

Marilyn Johns
UC Cooperative Extension
625 Miramontes Street, #200
Half Moon Bay, CA 94019
Phone: (650) 726-9059
Fax: (650) 726-9267
E-mail: mjjohns@ucdavis.edu

Unearthing Garden Mysteries, Experiments for Kids

This 96-page book puts the garden under a magnifying glass and lets students explore its wonders. Ideal for schools with instructional gardens or hands-on life science units. More than 20 classroom-tested projects.

Grades 3-adult
$17.95 plus s/h

Fulcrum Publishing
16100 Table Mountain Parkway
Golden, CO 80403
Toll free: (800) 992-2908
Fax: (800) 726-7112
Web site: www.fulcrum-books.com

GENETICS

Also see BIOTECHNOLOGY and SCIENCE listings

DNA Fingerprinting

In this CD-ROM activity, students are placed in a virtual laboratory where they must utilize molecular biology techniques to solve a forensic mystery. Over the course of seven episodes, students collect evidence, extract DNA, perform a southern blot, use PCR, and finally solve the crime. The CD-ROM also contains CEPRAP's Germ Wars software.

Grades 10-12
Free

Center for Engineering Plants for
Resistance Against Pathogens
A National Science Foundation
Science and Technology Center
University of California
One Shields Avenue
Davis, CA 95616
Phone: (530) 752-6552
Web site: ceprap.ucdavis.edu

From Genes to Jeans

Students are introduced to the genetic research and technologies associated with agriculture while they perform Punnett square activities and create a model of a DNA molecule. As students learn about strawberries and cotton, they are provided with the scientific principles associated with genetics and are encouraged to use their knowledge to think critically and freely about viability and ethics associated with biotechnology. Aligned to the Content Standards for California Public Schools.

Grades 7-9
$10 plus tax
Free on-line version

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Where'd You Get Those Genes?

This five-lesson unit teaches students the basic concepts of genetics using agricultural commodities as examples. Includes brief biographies on people involved in genetic research as well as a creative writing assignment. Aligned to the Content Standards for California Public Schools.

Grades 5-7
$10 plus tax
Free on-line version

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

GEOGRAPHY

California Visitor's Map

This 18" x 24" color California map shows interesting features of California both geographically and historically. Colorful pictures include leading agricultural commodities, topographical features, endangered species and a historical timeline. Each order sent to an elementary school includes one teacher's guide.

Grades K-12
One copy free
Additional copies $2 each

Carol Mendel Publications
Post Office Box 6022
San Diego, CA 92166
Phone: (619) 226-1406
Fax: (619) 224-0058

National Geographic Society

Videos, films, books on nutrition, general agriculture, natural resources, and marine science.

Grades K-12
Free catalog

National Geographic Society
School Publishing
Post Office Box 10579
Des Moines, IA 50340
Toll free: (800) 368-2728
Fax: (515) 362-3366
Web site: nationalgeographic.com/education

GOATS

Life on a Goat Farm

This simple text, nonfiction book with colorful photographs describes the work involved in dairy goat farming.

Grades 2-5
$ 23.95 plus s/h

Lerner Publishing Group
1251 Washington Avenue North
Minneapolis, MN 55401-1036
Toll free: (800) 328-4929
Fax: (800) 332-1132
E-mail: custserve@lernerbooks.com
Web site: www.lernerbooks.com

GRAINS

See CORN, RICE, WHEAT and individual commodity listings

GRAPES

Table Grapes

Industry information sheets, posters, kids brochure, and nutrition and environmental lesson plans. Available in limited quantities.

Grades K-12
Free

California Table Grape Commission
392 West Fallbrook, #101
Fresno, CA 93711-6150
Phone: (209) 447-8350
Fax: (209) 447-9184
E-mail: info@tablegrape.com
Web site: www.tablegrape.com

Table Grapes Fact and Activity Sheet

This California specific fact sheet includes information on table grape production, history, nutrition, and economic value. The activity sheets provide specific lesson ideas and fun facts on grapes.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

GREENHOUSES

Construct a Greenhouse

Engages high school students in a problem-solving challenge to design and build a physical system that provides an optimal environment for plant growth. In addition to learning and applying concepts in thermodynamics, light absorption, and plant biology, students must make a range of decisions as they encounter cost constraints, construction alternatives, and environmental challenges while building a prototype greenhouse.

Grades 9-12
$19.95 plus s/h

NSTA Press
Post Office Box 90214
Washington, DC 20090
Toll free: (800) 277-5300
Fax: (888) 433-0526
E-mail: nsta@tasco1.com
Web site: www.nsta.org

School Greenhouse Guide

This on-line resource offers advice on how to plan for and operate a greenhouse, provide good growing conditions, and integrate greenhouse projects into the calendar and school curriculum.

Grades K-12 educators
Free on-line information

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Toll free: (877) 538-7476
Fax: (802) 864-6889
E-mail: evep@kidsgardening.com
Web site: www.kidsgardening.com/greenhouseguide

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HISTORY

Also see ECONOMICS listing

Agricultural History

Quarterly journal of research pertaining to the history of agriculture in all its phases by the Agricultural History Society. Edited by the Agricultural History Center at Iowa State University.

Grades 9-adult
$30

Agricultural History
Journals Division
University of California Press
Berkeley, CA 94720

America the Bountiful

22-minute segments in a 6-part video series about American agriculture. From the earliest roots of Indian corn, the series touches every era of American history to document the agricultural triumphs and tragedies that shaped our nation.

Grades 4-12
$90/segment
$540 for complete series
Free catalog

Visual Education Productions
1020 SE Loop 289
Lubbock, TX 79404
Toll free: (800) 235-4146
Fax: (800) 243-6398
Web site: www.cevmultimedia.com

Ancient Agriculture—From Foraging to Farming

This simple-to-read book, explains how the story of agriculture is also the story of civilization. It describes the rich agricultural knowledge and technology the ancient cultures contributed to today's way of life.

Grades 4-9
$25.26 plus s/h

Lerner Publishing Group
1251 Washington Avenue North
Minneapolis, MN 55401-1036
Toll free: (800) 328-4929
Fax: (800) 332-1132
E-mail: custserve@lernerbooks.com
Web site: www.lernerbooks.com

Ancient Foods for the New Millennium

This 17-minute video explores the foods eaten by ancient people, the development of agriculture, the evolution of nutrition from the 1800s to the new millennium, and the importance of eating fresh and dried fruits, vegetables, whole grains, beans, and nuts. The accompanying teacher's guide is a collection of activities for classroom use before, during and after the video.

Grades 4-adult
$10 includes s/h

Sphera Foundation
340 2nd Street
Los Altos, CA 94022
Phone: (650) 947-7184
Fax: (650) 948-8540
E-mail: videos@sphera.org
Web site: www.sphera.org

California and the West

This catalog describes a variety of history books available for purchase. Titles include *The Valley of the Moon* by Jack London and *The Vineyard* by Idwal Jones.

Grades 9-adult
Free catalog

University of California Press
Attn: Judy Pellicano
2120 Berkeley Way
Berkeley, CA 94720
Phone: (510) 642-6683
Fax: (510) 643-7127
E-mail: judypellicano@ucpress.ucop.edu

Cooking Up U.S. History

A compiliation of recipes, organized in a cookbook format around different periods of United States history. 203 pages.

Grades 1-6
$24 plus s/h
Free catalog

Libraries Unlimited
Post Office Box 6633
Englewood, CO 80155-6633
Toll free: (800) 237-6124
Fax: (303) 220-8843
Web site: www.lu.com/tips

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Dig In! An Expedition to an Ancient Culture

This kit, which contains audiocassette, guide, poster, and blackline masters, teaches about the Food Guide Pyramid through the ancient Egyptian Pyramids.

Grades 3-4
$7.45
Free to qualified teachers

National Cattlemen's Beef Association
Education Department
Post Office Box 670
Bloomingdale, IL 60108-9917
Fax: (800) 368-3136
Toll free: (800) 368-3138
Web site: www.teachfree.com

Heirloom Seed Kits for Kids

These seed kits come with folklore and history of fascinating old-fashioned seeds. Make history come alive with Native American vegetables, colonial plants, a California history collection, and more. Kits come with recipes and/or craft activities.

Grades K-8
Free catalog

Gardens for Growing People
Post Office Box 630
Point Reyes, CA 94956
Phone: (415) 663-9433
Fax: (415) 663- 9433
E-mail: growpepl@svn.net
Web site: svn.net/growpepl

HONEY

Also see BEES listings

The Honey Bee Files: A Bee's Life

This 20-minute videotape and 96-page teacher's guide will have you and your students buzzing! These fun, new, educational materials provide information, classroom activities and worksheets about bees, honey and pollination.

Grades 4-6
$5 includes s/h
Bulk quantities available with free shipping

National Honey Board
390 Lashley Street
Longmont, CO 80501-6045
Toll free: (800) 553-7162
Fax: (303) 776-1177
Web site: nhb.org

HORSES

American Quarter Horse

Booklets and posters with general information, anatomy and history of the American Quarter Horse.

Grades K-12
Free

American Quarter Horse Association
Post Office Box 200
Amarillo, TX 79168
Phone: (806) 376-4811
Fax: (806) 349-6409
Web site: www.aqha.com

HorseSmarts Interactive Computer Game

This interactive quiz game on CD-ROM is designed for teachers and students who enjoy increasing their knowledge about horses. Choose from ten different categories ranging from general knowledge questions to horses in television, books and history, and horsemanship.

Grades 4-adult
$10 includes s/h

Oklahoma State 4-H Office
205 Poultry Science Building
Oklahoma State University
Stillwater, OK 74078
Phone: (405) 744-5390
Web site: www.ansi.okstate.edu/HorseCD

HYDROPONICS

Classroom Hydroponic Plant Factory Curriculum

This curriculum, complete with packages of sample supplies, provides you with information and lessons you need to do classroom hydroponic experiments. Other supplies and hydroponic sets available.

Grades 7-12
$29.95 plus s/h

Foothill Hydroponics
10705 Burbank Boulevard
North Hollywood, CA 91601
Toll free: (800) 83-HYDRO
Fax: (818) 760-4025
Web site: foothillhydroponics.com

Exploring Classroom Hydroponics

This on-line resource will help you understand hydroponics basics, set up classroom systems and engage students in plant growing activities that do not use soil.

Grades K-12
Free on-line information

National Gardening Association
1100 Dorset Street
South Burlington, VT 05403
Toll free: (800) 538-7476
Fax: (802) 864-6889
E-mail: eveps@kidsgardening.com
Web site: www.kidsgardening.com/hydroponicsguide/toc.asp

INSECTS

Also see ANTS, BEES, BUTTERFLIES and LADYBUGS listings

I'd Like to Be an Entomologist

This sing-along cassette encourages children to learn about several types of insects including ants, bees, true bugs, fireflies, butterflies, and more. Includes twelve informative songs along with accompanying blackline masters.

Grades PreK-3
$6.95 plus tax, s/h

Insect Lore
Post Office Box 1535
Shafter, CA 93263
Toll free: (800) LIVE BUG
Fax: (661) 746-0334
E-mail: livebug@insectlore.com
Web site: www.insectlore.com

Insect Lore

Specialize in living science kits including butterflies, silkworm eggs, ladybugs, ants, praying mantises, and earthworms. Videos, puppets, plant growing kits, games, science projects, puzzles, and music are also available.

Grades K-12
Free catalog

Insect Lore
Post Office Box 1535
Shafter, CA 93263
Toll free: (800) LIVE BUG
Fax: (661) 746-0334
E-mail: livebug@insectlore.com
Web site: www.insectlore.com

KIWIFRUIT

The "Rap" About Kiwi

Nutritional information, poster, and lessons about kiwi.

Grades 2-5
Free

California Kiwifruit Commission
9845 Horn Road #160
Sacramento, CA 95827
Phone: (916) 362-7490
Fax: (916) 362-7993
E-mail: info@kiwifruit.org
Web site: www.kiwifruit.org

LADYBUGS

Also see INSECTS

Ladybug! Ladybug! A Curriculum Activity Guide

Packed with over 50 ladybug activities, this guide features science, math and language arts activities to do over a month long period. Patterns are full size and ready for the copier.

Grades PreK - 1
$11.95 plus s/h

Insect Lore
Post Office Box 1535
Shafter, CA 93265
Toll free: (800) LIVE BUG
Fax: (661) 746-0334
E-mail: livebug@insectlore.com
Web site: www.insectlore.com

LITERATURE

Also see individual subject matter listings

Fiction, Food, and Fun: The Original Recipe for the Read 'N' Feed Program

A resource book for book discussion groups. Based on readings of selected young adult novels. Lesson plans include information on the author, discussion questions, activity ideas and reproducible worksheets. 224 pages.

Grades 6-10
$28 plus s/h

Libraries Unlimited
Post Office Box 6633
Englewood, CO 80155-6633
Toll free: (800) 237-6124
Fax: (303) 220-8843
Web site: www.lu.com/tips

Fulcrum Publishing

This educational publishing company provides books, tapes, and storytelling, multicultural studies, and teaching strategies.

Grades K-adult
Free catalog

Fulcrum Publishing
16100 Table Mountain Parkway
Golden, CO 80403
Toll free: (800) 992-2908
Fax: (800) 726-7112
Web site: www.fulcrum-books.com

LIVESTOCK

Also see BEEF CATTLE, DAIRY, EMUS, GOATS, PORK, SHEEP and TURKEYS listings

Farm Animals

A series of six livestock books introduces readers to common farm animals, including how they live, what they eat, and how they fit into our world. Text and photos support key national education standards. Animals include chickens, cows, horses, pigs, sheep, and turkeys.

Grades K-2
Prices vary depending on quantity

Heinemann Library
Post Office Box 1650
Crystal Lake, IL 60039-1650
Toll free: (888) 454-2279
Fax: (888) 844-5329
Web site: www.heinemannlibrary.com

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MATHEMATICS

Also see AGRICULTURE, ECONOMICS, and STATISTICS listings

GEMS - Great Explorations in Math and Science

Teacher guides and handbooks encourage activity-based science and mathematics. Titles include *Eggs, Eggs Everywhere, Buzzin' a Hive* and *Vitamin C Testing.*

Grades PreK-8
Free catalog

University of California, Berkeley
GEMS
Lawrence Hall of Science, #5200
Berkeley, CA 94720-5200
Phone: (510) 642-7771
Fax: (510) 643-0309
E-mail: gems@uclink.berkeley.edu
Web site: www.lhsgems.org

Math in the Garden

This book contains lessons with blackline masters which can be used to reinforce mathematics concepts in your school garden.

Grades K-2
$6.45 plus 7.25% sales tax and $3 s/h

Evan Moor Corporation
18 Lower Ragsdale Drive
Monterey, CA 93940
Toll free: (800) 777-4362
Fax: (408) 649-6256
Web site: www.evan-moor.com

MICROBIOLOGY

See FOOD SAFETY, GENETICS and SCIENCE listings

MINERALS

Also see FERTILIZERS listing

Mined It! A Fairy Tale With Mineral Content

This simple-to-read 54-page story and activity book teaches students about the numerous minerals and their uses. Includes scientific facts and wordsearch puzzles.

Grades 4-10
$12.95 plus $3 s/h
25 copies for $100 plus $10 s/h

Butternut Books
The Grove
4830 Tobosa Road
Las Cruces, NM 88011
Phone: (505) 521-3301
Fax: (505) 522-5389
E-mail: harbenp@peterharben.com

Mineral Information Institute

View the Mineral Information Institute Web site for lessons and information for teachers. Many ideas can be incorporated into science and agricultural curricula.

Grades K-12
Free

Mineral Information Institute
501 Violet Street
Golden, CO 80401-6714
Phone: (303) 277-9190
Fax: (303) 277-9198
Web site: www.mii.org

MUSIC

Banana Slug String Band

Since 1984, the Banana Slug String Band has been helping children, parents and teachers discover the magic and mysteries of the earth. The unique blend of rock, rap, folk, and world beat offers something for every music lover. Enjoy songs such as *Dirt Made My Lunch*, videos such as *Dancing with the Earth*, and cassettes and CDs such as *Singing in Our Garden*. Live performances available.

Grades PreK - 6
Ordering information available on Web site

Banana Slug String Band
Post Office Box 2262
Santa Cruz, CA 95063
Toll free: (888) 327-5847
Fax: (888) 327-5847
E-mail: slugs@bananaslugstringband.com
Web site: www.bananaslugstringband.com

Food Safety Music

Carl Winter, Ph.D. has combined his passion for music with his expertise in food toxicology to teach children and adults about food safety. Dr. Winter's latest CD *Still Stayin' Alive* features numerous songs written to previous musical hits. Titles include "Eat It!," "Beware La Vaca Loca," and "You Better Wash Your Hands." Three different CDs are available on a donation basis and information concerning Dr. Winter's food safety music and CD ordering is available on the music Web site.

Grades 1-adult
Donation requested

Carl Winter
Food Science and Technology Department
University of California
One Shields Avenue
Davis, CA 95616-8598
Phone: (530) 752-2647
Fax: (530) 752-3975
E-mail: ckwinter@ucdavis.edu
Web site: foodsafe.ucdavis.edu
Food Safety Music Web site: foodsafe.ucdavis.edu/music.html

Musical Plays for Musically Timid Teachers

These exciting musical plays come with an audio CD in which the composer demonstrates the songs and provides musical accompaniments. Includes the script and a teacher's guide containing set and staging information, and costume and casting suggestions. One of several titles is *The Garden Show*.

Grades K-6
Free catalog
Approximate costs are $29.95 each plus s/h

Bad Wolf Press
5391 Spindrift Court
Camarillo, CA 93012
Toll free: (888) 827-8661
Fax: (805) 484-3490
Web site: www.badwolfpress.com

NURSERY PRODUCTS

Also see FLOWERS and BOTANY listings

Planting Seeds, Growing Minds

32-page curriculum guide teaches students the basics about plants in 11 lessons written by science teachers. Includes Arbor Day information.

Grades K-6
1-5 copies, $5 each
6-20 copies, $4 each
21+ copies, $2 each

California Association of Nurserymen
3947 Lennane Drive, Suite 150
Sacramento, CA 95834
Toll free: (800) 748-6214
Fax: (916) 567-0505
E-mail: can@earthlink.net
Web site: www.can-online.org

NUTRITION

Also see GARDENING and specific subject matter listings

Build on Good Nutrition

Lesson plan and poster can be used as a teaching aid in helping students understand how to build a healthful diet using the Food Guide Pyramid.

Grades 3-8
Free

Kellogg Literature Distribution
4956 Wayne Road
Battle Creek, MI 49015-1024
Phone: (616) 962-3411
Fax: (616) 964-6898

California Children's 5 a Day—Power Play! Campaign

The *California Children's 5 a Day—Power Play! Campaign* uses a tested, multi-channel, community-based aproach to encourage 9- to 11-year-old children and their families to eat at least 5 servings of fruits and vegetables and be physically active every day. Each Teacher Box contains:

- *School Idea & Resource Mini Kit*, which includes 17 fruit and vegetable learning activities (includes a separate booklet to link activities from the *School Idea and Resource Mini Kit* to California State Content Standards)
- *Kids... Get Cookin'!* cookbook, a kid-oriented bilingual cookbook with fun graphics and tasty recipes (35 total)
- Colorful parent brochures (35 English and 10 Spanish)
- *5 A Day Challenge Booklets* (35 English and 10 Spanish)
- *5 A Day Rap* audiocassette tape

Grades 4-5
Free to California teachers in schools with 50% or greater student participation in the free and reduced meal program

California Department of Health Services
Cancer Prevention and Nutrition Section
Attn: Kristy Tuttle
601 North 7th Street
Post Office Box 942732, MS 662
Sacramento, CA 94234-7320
Phone: (916) 445-7030
Toll free: (888) EAT-FIVE
Fax: (916) 322-8799
E-mail: ktuttle1@dhs.ca.gov
Web site: www.ca5aday.com

California Healthy Kids Resource Center

A comprehensive health and nutrition, food service and school garden education resource center. The catalog includes descriptions of all videos, curricula and laser discs available for loan to K-12 educators throughout California.

Grades K-12
Free catalog

California Healthy Kids Resource Center
313 West Winton Avenue, Room 180
Hayward, CA 94544
Phone: (510) 670-4581
Fax: (510) 670-4582
E-mail: ltomich@acoe.k12.ca.us
Web site: www.californiahealthykids.org

Dairy Council of California Materials

Building A Healthy Me

Six activities introduce students to the Food Guide Pyramid and classifying foods. Guided practice activities supporting the lessons can be used in centers. A teacher overview, step-by-step lessons, food pictures, parent booklets, and blackline masters which provide additional practice are included.

Grade K
Parent booklets available in English or Spanish
Free, California teachers only

Creation Station! A K-5 Integrated Cooking Curriculum

This CD-ROM integrates the latest research and techniques in learning styles with the core curricular areas of language arts through agriculture, social science, science, math, and technology. Each of the six stand-alone lessons includes a simple cooking experience. Includes downloadable lesson plans and supporting activity pieces, as well as video clips.

Grades K-5
Free, California teachers only

Exercise Your Options

A nutrition and fitness program that centers around the uniqueness of teens. This seven-lesson unit offers peer teaching strategies, personal goal setting, and extension activities on bone health and eating disorders.

Grades 6-8
Free, California teachers only

BEST COPY AVAILABLE

Healthy Choices, Healthy Me

Teaches students how to use the Food Guide Pyramid to assess meal choices. Individual student workbooks include reading, writing and art sections. Step-by-step teacher's guide includes lesson plans, nutrition background and curriculum connections.

Grade 2
Available in English or Spanish
Free, California teachers only

Virtual Teacher's Lounge Web Site: www.virtualteacherslounge.org

This Web site sponsored by the Dairy Council of California is a site for educators to build communities on-line among peers through sharing, networking, connecting, and comparing stories and resources. Educators will enhance their computer skills by learning to build their own personal Web page, interacting via E-mail, developing computer-based collaborative tools through discussion forums and multimedia learning. The goal is to promote good nutrition for better learning.

Grades K-8 and university professors, pre-service teachers

Dairy Council of California
1101 National Drive, Suite B
Sacramento, CA 95834
Toll free: (888) 868-3133
Fax: (916) 263-3566
E-mail: Info@dairycouncilofca.org
Web site: www.dairycouncilofca.org
Web site: www.virtualteacherslounge.org
Web site: www.mealsmatter.org

Food, Family and Fun: A Seasonal Guide for Healthy Eating

Includes recipes to cook with children and nutrition-related activities that are fun for young people.

Grades K-6
$15

Superintendent of Documents
Post Office Box 371954
Pittsburgh, PA 15250-7954
Phone: (202) 512-1800
Fax: (202) 512-2250

Food Pyramid Bingo Game™

This game teaches all aspects of the Food Guide Pyramid while increasing knowledge of 95 foods and portion sizes. Game includes 30 cards and the 2000 Dietary Guidelines for Americans. Food Pyramid Bingo for Older Adults™ and Diabetes Food Pyramid Bingo™ also available.

Grades 2-adult
Food Pyramid Bingo, $19.95 plus s/h
Food Guide Pyramid For Older Adults, $26.95 plus s/h
Diabetes Food Pyramid Bingo, $35 plus s/h
Poster, year 2000, $9.95 plus s/h

SmartPicks, Inc.
Post Office Box 771440
Lakewood, OH 44107
Toll free: (888) 712-3144
E-mail: games@smartpicks.com
Web site: www.smartpicks.com

Fresh Fruit and Vegetable Photo Cards

Cards contain the names of each item in both English and Spanish and provides the nutritional content of the foods.

Grades K-12
1 set, $30 plus tax and $4.95 s/h
2-4 sets, $30 each plus tax and $7.95 s/h

CDE Press
Post Office Box 271
Sacramento, CA 95812-0271
Phone: (916) 445-1260
Toll free: (800) 995-4099
Fax: (916) 323-0823
Web site: www.cde.ca.gov/cdepress

Fruits and Vegetables for Health

This comprehensive unit teaches students about the production, distribution, and nutritional value of California fresh produce. Geography, writing, graphing, and science activities are used to teach the importance of eating a variety of fresh fruits and vegetables.

Grades 4-6
$10 plus tax
Free on-line version

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfaitc.org
Web site: www.cfaitc.org

How to Teach Nutrition to Kids

A curriculum resource organized by subjects and applicable to the classroom, cafeteria, and home. Includes over 200 activities. Leader activity guide with copy-ready worksheets available.

Grades 1-6
$18.00 plus s/h
Leader activity guide, $11.95 plus s/h

24 Carrot Press
Post Office Box 23546
Portland, OR 97281-3546
Toll free: (800) 291-6098
Web site: www.nutritionforkids.com

National Cattlemen's Beef Association Materials

Eat Well Grow Strong

This 20" x 31" educational poster features a youthful version of the Food Guide Pyramid with nutrition-oriented activities on the reverse side.

Grade 1-2
One free
Must request on school letterhead by a teacher of the appropriate grade level

Food Guide Pyramid Poster

34" x 22" full-color poster depicts the guide to daily food choices. Includes reproducible information on the reverse side.

Grades 5-12
$1.95 plus s/h

Fueled For Flight

This video kit uses space travel as a thematic approach to teaching students how the body uses energy. A 20-page teacher's guide and 16 activity masters included.

Grades 5-6
One free
Must be requested on school letterhead by a teacher of the appropriate grade level

National Cattlemen's Beef Association
Education Department
Post Office Box 670
Bloomingdale, IL 60108-0670
Toll free: (800) 368-0670
Fax: (312) 467-9729
Web site: www.teachfree.com

National Dairy Council

Materials for all grade levels on nutrition and the milk industry.

Grades K-12
Free catalog

National Dairy Council
c/o Inland Marketing
3030 Airport Road
La Cross, WI 54603
Toll free: (800) 426-8271
Fax: (800) 974-6455
Web site: www.nutritionexplorations.org

NEAT Solutions Catalog

This catalog features a large selection of high-quality nutrition education resources for children, from books, music, and posters, to jewelry and stickers.

Grades K-12
Free catalog

NEAT Solutions
Post Office Box 2432
Martinez, CA 94553
Toll free: (888) 577-6328
Fax: (888) 577-6328
E-mail: neatsol@netvista.net
Web site: www.neatsolutions.com

Produce for Better Health Foundation

This organization promotes the "Eat 5 A Day" message and has a variety of materials available to educators, food service providers, athletic trainers, and retail stores. Many links for educators and students are available on the Web site.

Grades K-adult
Free catalog

Produce for Better Health Foundation
5301 Limestone Road, Suite 101
Wilmington, DE 19808-1249
Toll free: (888) 391-2100
Fax: (302) 235-5555
Web site: www.5aday.com

NUTS

See ALMONDS, PEANUTS, PISTACHIOS, SUNFLOWERS, and WALNUTS listings

OLIVES

Creative Food Ideas

Folder of resource information on olives includes such topics as cultivating and harvesting.

Grades K-12
Free

California Olive Industry
1903 North Fine #102
Fresno, CA 93727
Phone: (559) 456-9096
Fax: (559) 456-9099
E-mail: calolive@psnw.com
Web site: www.calolive.org

ORGANIC FOODS

Also see AGRICULTURE-GENERAL, GARDENING, AND SUSTAINABLE AGRICULTURE listings

Kids Cook Farm Fresh Food

This activity guide for students in grades two through seven links local agriculture to the pleasures of dining. It is designed to introduce students and teachers, through direct experience, to fresh, seasonal, locally grown produce. The guide also links food and nutrition to the concept of sustainable agriculture and to the academic content standards through the real world using gardens, nutrition, cooking, recycling, and the environment.

$15 plus s/h, order #1547

CDE Press
Post Office Box 271
Sacramento, CA 95812-0271
Toll free: (800) 995-4099
Fax: (916) 323-0823
Web site: www.cde.ca.gov/cdepress

PEACHES

Cling Peaches Fact and Activity Sheet

This California specific fact sheet includes information on cling peach production, history, nutrition, and economic value. The activity sheets provide lesson ideas and fun facts on cling peaches.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Peach Power

Bookmarks, table tents, and growth charts demonstrate various ways cling peaches can help students meet their *5 A Day* goal and are available for first through eighth grade students. "Peach Power," a school foodservice kit, is available to foodservice professionals.

Grades 1-8
Free

Kelli Iverson
Echo Communications, LLC
1195 Park Avenue, Suite 201
Emeryville, CA 94608
Phone: (510) 654-5400
Fax: (510) 654-5402
Web site: www.calclingpeach.com

BEST COPY AVAILABLE

PEANUTS

All About Peanuts and Peanut Butter

Lesson plans and activity sheets cover history, nutrition, science, and geography of peanuts.

Grades K-2, 3-5, 6-8
Order or download from the Web site
Indicate grade level when ordering

Virginia-Carolina Peanut Promotions
103 Triangle Court
Nashville, NC 27856-0845
Phone: (252) 459-9977
Fax: (252) 459-7396
E-mail: joy@aboutpeanuts.com
Web site: www.aboutpeanuts.com

The Great American Peanut

Lessons and activities provide the history and life cycle of the peanut.

Grades 4-9
$6.50 includes s/h

Cornell University
Media Resource Center
7 Business & Technology Park
Ithaca, NY 14850
Phone: (607) 255-2080
Fax: (607) 255-9946

PEARS

Pears Fact and Activity Sheet

This California specific fact sheet includes information on pear production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and fun facts on pears.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

PERSIMMONS

Fuyu and Other Non-astringent Persimmons

Lesson plans, posters, activity sheets, and recipes. Limited materials are available in Spanish. Covers geography, math, history, language arts, and music.

Grades K-12
$10 includes s/h
Downloadable from the Web site

San Diego County Farm Bureau
1670 East Valley Parkway
Escondido, CA 92027
Phone: (760) 745-3023
Fax: (760) 489-6348
E-mail: Fuyus@fuyufarm.com
Web site: www.fuyufarm.com

PEST MANAGMENT

Also see GARDENING and AGRICULTURE-GENERAL and individual pest listings

What's Bugging You?

Students create a useful definition for the word "pest," perform reading and poetry activities on specific agricultural and garden pests, and create an imaginary pest who lives in an imaginary habitat. Aligned to the Content Standards for California Public Schools.

Grades 4-6
$10 plus tax
Downloadable free from Web site

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

PISTACHIOS

Nutrition in A Nutshell Brochure and Poster

Brochure and poster provide nutritional facts on pistachios.

Grades 5-adult
Free

California Pistachio Commission
1318 East Shaw Ave. #420
Fresno, CA 93710-7912
Fax: (559) 221-8044
E-mail: info@pistachios.org
Web site: www.pistachios.org

Pistachios Fact and Activity Sheet

This California specific fact sheet includes information on pistachio production, history, nutrition, and economic value. The activity sheet provides lesson ideas and fun facts about pistachios.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

PORK

Also see LIVESTOCK listing

National Pork Board Youth Order Form

Posters, activity books, videos and booklets on the pork industry, including nutrition and production information.

Grades K-12
Free catalog and youth order form – indicate grade level when corresponding

National Pork Board
Post Office Box 9114
Des Moines, IA 50306
Phone: (515) 223-2600
Fax: (515) 223-2646
E-mail: porkboard@porkboard.org
Web site: www.otherwhitemeat.com

POTATOES

The National Potato Promotion Board Materials

Dr. Spud's
Nutritional instruction with *5 A Day* food guide pyramid using fun activities and a game.

Grades 4-10
Free plus $ .75 s/h

Terrific Taters
This series of lessons provides activities and information relating to potatoes.

Grades 5-6
Downloadable from Web site

Vegetable Parade
Nutritional instruction with *5 A Day* plan on a fun poster.

Grades K-4
Free plus $ .75 s/h

The National Potato Promotion Board
7555 East Hampden Avenue, #412
Denver, CO 80231
Phone: (303) 369-7783
Fax: (303) 369-7718
Web site: www.potatohelp.com

POULTRY

See EGGS and TURKEYS listings

PUMPKINS

Kids' Pumpkin Projects, Planting and Harvesting Fun

Contains a variety of projects and lessons with pumpkins, organized around the four seasons. 98 pages.

Grades PreK-4
$8.95 plus s/h

Williamson Publishing Company
Post Office Box 185
Charlotte, VT 05445
Toll free: (800) 234-8791
Fax: (800) 304-7224
E-mail: order@williamsonbooks.com
Web site: www.williamsonbooks.com

Pumpkin Circle Video and Book

Both the video (with narration by Danny Glover and music by George Winston), and the full color picture book show the amazing cycle of nature unfolding in a real backyard pumpkin patch. Either together or separately, the book and video are perfect for fall pumpkin units and for spring-time planting. Pumpkin Circle Kit includes video, hardcover book, pumpkin seeds, and classroom activities.

Grades K-4
Video, $49.95 plus $6.95 s/h
Hardcover Picture Book, $14.95 plus $4.95 s/h
Paperback Picture Book, $5.95 plus $4.95 s/h
Pumpkin Circle Kit, $59.95 plus $8.95 s/h

Informed Democracy
Post Office Box 67
Santa Cruz, CA 95063
Toll free: (800) 827-0949
Fax: (831) 426-2312
E-mail: garden@pumpkincircle.com
Web site: www.pumpkincircle.com

Welcome to Our Pumpkin Farm

Designed specifically as a pumpkin farm visit handout, this color book is informative and entertaining and discusses the life on a pumpkin farm. Other color books available.

Grades PreK-3
$28.80 plus s/h per case of 96 books
$200 minimum purchase required

Pyramid Publishing
Attn: Tom Kaiser
9 Greenwood Court
Racine, WI 53402
Phone: (262) 752-0184
Fax: (262) 752-0185

RICE

Rice Fact and Activity Sheet

This California specific fact sheet includes information on rice production, history, nutrition and economic value. The activity sheet provides specific lesson ideas and fun facts on rice.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Rice Information

Learn more about the California rice industry by viewing the California Rice Commission Web site. Information is available on rice and the environment, how to grow rice, rice facts, rice trivia, rice-growing regions, and recipes. Educators may order posters, videos, bumper stickers, and written materials on-line.

Grades K-12
Free

California Rice Commission
701 University Avenue, Suite 205
Sacramento, CA 95825
Phone: (916) 929-2264
Fax: (916) 929-2553
Web site: www.calrice.org

SAFETY

See FARM SAFETY and FOOD SAFETY listings

SCIENCE

Also see BOTANY, NUTRITION and other specific science listings

California Science Teachers Association

This association provides newsletters, journals, and conferences for California science educators about ideas, issues, and trends in science education.

CSTA
3800 Watt Avenue, #100
Sacramento, CA 95821
Phone: (916) 979-7004
Fax: (916) 979-7023
Web site: www.cascience.org

Digging for Data

This video kit includes background information, reference sheets, and blackline masters and teaches the scientific method and investigative skills.

Grades 5-8
$12.95 plus s/h
Free to qualified 6th grade teachers

National Cattlemen's Beef Association
Education Department
Post Office Box 670
Bloomington, IL 60108-0670
Toll free: (800) 368-0670
Fax: (312) 467-9729
Web site: www.teachfree.com

Germ Wars

Interactive software modules funded by a grant from the National Science Foundation. The programs, dealing with microbes, plant and human defenses against disease and basic genetics, are available on CD-ROM for both Windows and Macintosh platforms. A Spanish Macintosh version and curriculum workshop information is also available.

Grades 6-10
Free

Barbara Soots
Center for Engineering Plants for Resistance Against Pathogens (CEPRAP)
University of California, Davis
One Sheilds Avenue
Davis, CA 95616
Phone: (530) 752-6552
Fax: (530) 752-6523
E-mail: blemberson@ucdavis.edu
Web site: ceprap.ucdavis.edu

Meet the Microbes Through MicrobeWorld Activities

Seventeen hands-on activities instroduce students to the microbial world. Activities correlate with and build on the themes and ideas presented in the PBS series, "Intimate Strangers: Unseen Life on Earth."

Grades 4-8
$10 plus s/h

National Association of Biology Teachers
12030 Sunrise Valley Drive, Suite 101
Reston, VA 20191
Toll free: (800) 406-0775
Fax: (703) 264-7778
E-mail: office@nabt.org
Web site: www.nabt.org

NSTA Publications Catalog

Produced by the National Science Teachers Association, this catalog provides a list of books, lesson plans and other resources related to particular science topics.

Grades K-12
Free catalog

National Science Teachers Association
1840 Wilson Boulevard
Arlington, VA 22201-3000
Toll free: (800) 277-5300
Web site: www.nsta.org/store

Science in Your Shopping Cart

Who finally broke the great San Francisco sourdough bread mystery? Replaced canned orange juice with frozen concentrate? An abundance of marketplace miracles are depicted in this full color booklet.

Grades 7-12
Free

Agricultural Research Service
5601 Sunnyside Avenue, Room 1-2232B
Beltsville, MD 20705-5130
Phone: (301) 504-1633
Fax: (301) 504-1641
E-mail: DianneOdland@ars.usda.gov
Web site: www.ars.usda.gov/is/kids

Whiz Kid Activity Packet

Set of reproducible masters includes agricultural research-oriented student quizzes and activities designed for use in school classrooms, student clubs, or other events. Quizzes encourage students to find out the answers to some of the questions which all relate to agricultural research.

Grades 5-9
Downloadable from the Web site

Agricultural Research Service
5601 Sunnyside Avenue, Room 1-2232B
Beltsville, MD 20705-5130
Phone: (301) 504-1633
Fax: (301) 504-1641
E-mail: DianneOdland@ars.usda.gov
Web site: www.ars.usda.gov/is/kids

SEAFOOD

Also see AQUACULTURE listing

California Seafood Council Materials

Facts in Brief

Covers history, environment, species, harvest methods, food handling, safety, and conservation of fishing in California.

Grades 4-12
Available on-line

California's Golden Seas

This new CD explores the importance of California's ocean environment as a source of life, food, and livelihood. Contains 27 fun, educational activities, many interactive, based on the original California's Golden Seas Activity Kit. Includes a sing-along karaoke song, "I Love the Ocean," an interactive riddle book, video highlights of fishermen at work, and more. Curriculum linkage to health and nutrition, social science, science, mathematics, language arts, and visual and performing arts.

Grades 4-6
Free plus s/h

California Seafood Council
Attn: Diane Pleschner
Post Office Box 336
Buellton, CA 93427
Phone: (805) 693-5430
E-mail: dplesch@earthlink.net
Web site: ca-seafood.ucdavis.edu

SEEDS

Also see ALMONDS, PEANUTS, PISTACHIOS, SUNFLOWERS and WALNUTS listings

Free Seeds for School Gardens

Supplies community gardens, neighborhood coalitions, and other organizations with free vegetable, flower and herb seeds, flower bulbs, and books like the *Green Earth Guide* and *Gardening for Optimal Nutrition* for educational, hunger relief and beautification projects. Download an application or have one faxed to you.

Grades K-12
Free

Katie Rehwaldt
America the Beautiful Fund
1730 K Street, NW, Suite 1002
Washington, DC 20006
Phone: (202) 638-1649
Fax: (202) 204-0028
Web site: www.freeseeds.org

Heirloom Seed Kits for Kids

These seed kits feature thematic collections such as miniature salad vegetables, giant vegetables, colonial plants, butterfly plants, Native American plants, grains and more. All collections come with growing instructions and extension activities.

Grades K-8
Free catalog

Gardens for Growing People
Post Office Box 630
Point Reyes, CA 94956
Phone: (415) 663-9433
Fax: (415) 663- 9433
E-mail: growpepl@svn.net
Web site: svn.net/growpepl

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Seeds of Success

Free vegetable and flower seeds for California schools as well as non-profit organizations serving low-income communities in California. Seeds are sent once a year, in early spring, along with growing instructions and a copy of the *Planting Seeds, Growing Minds* curriculum. Seeds of Success is a partnership with California Women for Agriculture.

Grades K-12, adult
Free

Seeds of Success
c/o Michelle and Noelle Campbell
Post Office Box 321
Clarksburg, CA 95612

SHEEP

Also see LIVESTOCK and WOOL listings

American Sheep Industry Association

Materials concerning the sheep industry and lamb and wool educational materials.

Grades K-adult
Free order form

American Sheep Industry Association
6911 South Yosemite Street, Suite 200
Englewood, CO 80112-1414
Phone: (303) 771-3500
Fax: (303) 771-8200
Web site: www.sheepusa.org

SOIL

Also see ENVIRONMENT, GARDENING, and WATER listings

Environmental Adventures

Soil, water and related environmental resources, including teacher guides and Spanish versions of some materials.

Grades K-8
Free catalog

Soil and Water Conservation Society
7515 Northeast Ankeny Road
Ankeny, IA 50021-9764
Toll free: (800) THE- SOIL
E-mail: pubs@swcs.org
Web site: www.swcs.org

National Association of Conservation Districts Materials

Amazing Soil Stories

17-page activity book and teacher's guide offers written exercises/experiments on soil.

Grades 4-8
$ .72 activity books
$1.90 teacher's guide

Conserving Soil

24 activity masters, four color transparencies, and teacher guide about soil history and uses.

Grades 6-12
$7

Lines on the Land

Shows landscape patterns and explains how land is affected by conservation practices. Kit contains 16 lesson plans, 10-minute video tape, and brochure.

Grades 6-8
$28.50

National Association of Conservation Districts
Service Center
Post Office Box 855
League City, TX 77574-0855
Toll free: (800) 825-5547
Fax: (281) 332-5259
Web site: www.nacdnet.org

Soil Savers Club

8-page activity packet with hands-on projects about soil stresses the importance of conservation.

Grades K-6
Free to teachers in Riverside-Corona RCD
Minimal charge for teachers outside Riverside-Corona RCD

Riverside-Corona Resource Conservation District
4500 Glenwood Drive
Riverside, CA 92501
Phone: (909) 683-7691
Fax: (909) 683-3814
E-mail: rcrcd@rcrcd.com

SOYBEANS

Also see BEANS listing

Soybean Crayons

Made from soybean oil, these crayons are smooth and work well for color-blending projects. Can be used as part of an agricultural by-product activity. The Prang Web site describes the history and characteristics of these crayons.

Grades K-12
Free Catalog

Sales Department
Dixon Ticonderoga Company
195 International Parkway
Heathrow, FL 32746
Toll free: (800) 824-9430
Web site: www.prang.com

Soybean Health Packet

Folder of nutritional materials including health facts and recipes on various soy products including soy flour, tofu, and soy milk.

Grades K-12
$3 plus s/h

Kansas Soybean Association
2930 SW Wanamaker Drive
Topeka, KS 66614-4416
Toll free: (800) 328-7390
Fax: (785) 271-1302
Web site: www.kansassoybeans.com

Teach Me About Soybeans

This resource packet contains a literature book *Why the Brown Bean Was Blue*, teacher's guide, reproducible student activities, game, bookmarks, and soybean seeds.

Grades K-4
$5

Nebraska Agriculture in the Classroom
Post Office Box 80299
Lincoln, NE 68501
Toll free: (800) 546-3496
E-mail: ellenh@nefb.com
Web site: www.fb.org/nefb

STATISTICS

Also see AGRICULTURE and ECONOMICS listings

California Agriculture

Flyer includes California agriculture statistics including information on acreage, ranking of counties by agriculture value and ranking of commodities.

Grades 4-12
Free

California Department of Food and Agriculture
Communications Office, External Affairs
1220 N Street, Suite 427
Sacramento, CA 95814
Phone: (916) 654-0462
Fax: (916) 657-4240
E-mail: cdfapublicaffairs@cdfa.ca.gov
Web site: www.cdfa.ca.gov

Farm Facts Booklet

26-page booklet of charts, graphs, agriculture information, and a pullout map of America the Bountiful.

$3.50 each
3+ copies, $1.50 each

American Farm Bureau Federation
Attn: Rita Walaszek
225 Touhy Avenue
Park Ridge, IL 60068
Phone: (847) 685-8858
Fax: (847) 685-8950
E-mail: ritaw@fb.org
Web site: www.fb.org

STRAWBERRIES

Strawberries Fact and Activity Sheet

This California specific fact sheet includes information on strawberry production, history, nutrition, and economic value. The activity sheets provide lesson ideas and fun facts on strawberries.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Strawberries Make the Grade

Strawberry lessons and fact sheets.

Grades K-12
Free

California Strawberry Commission
Post Office Box 269
Watsonville, CA 95077-0269
Phone: (831) 724-1301
Fax: (831) 724-5973
Web site: calstrawberry.com

SUGAR

California Beet Sugar Industry Teacher's Kit

This information-filled packet contains a variety of materials to use with students, including a children's story called *Bill Gets a Scoop* and background information on the California sugarbeet industry.

Grades 2- 6
Free

California Beet Growers Association, Ltd.
Two West Swain Road
Stockton, CA 95207-4395
Phone: (209) 477-5596
Fax: (209) 477-1610
E-mail: cbga@cwnet.com

Sugar, Nutrition and Physical Activity Materials

Videos and publications on sugar.

Grades K-12
Free catalog
$5 s/h for up to 500 publications

The Sugar Association, Inc.
1101 15th Street NW, Suite 600
Washington, DC 20005
Phone: (202) 785-1122 x18
Fax: (202) 785-5019
Web site: www.sugar.org

SUNFLOWERS

Sunflower Sprouts

Grow and eat nutritious sunflower sprouts! Use this no-mess soil planting system indoors, anywhere, anytime. Watch germination, root growth, and watering levels, through the clear plastic, growing dish. In 8-10 days, harvest and eat the sunflower sprouts. Each kit comes with seeds, soil, net, clear plastic dish, cover, instructions, a lesson guide, bookmark, and a copy of the song "Our Jack Sprout." Jack Sprout stuffed characters are also available.

Grades K-3
$25 four pack kit with teacher's packet
Includes shipping, handling and tax

Jack Sprout Inc.
Post Office Box 2103
Kamuela, HI 96743
Phone: (808) 887-2339
Fax: (808) 887-0059
E-mail: jack@jacksprout.com
Web site: www.jacksprout.com

The Story of the Sunflower

8-page activity booklet with planting, growing and nutritional information.

Grades K-6
Free

National Sunflower Association
4023 State Street
Bismarck, ND 58501
Phone: (701) 328-5100
Fax: (701) 328-5101
E-mail: dbentz@sunflowernsa.com
Web site: www.sunflowernsa.com

SUSTAINABLE AGRICULTURE

Also see ORGANIC AGRICULTURE, GARDENING, and AGRICULTURE-GENERAL listings

The New American Farmer: Profiles of Agriculture Innovation

A collection of in-depth interviews with American farmers and ranchers describes sustainable farm operations of modern times. The features detail the effects of sustainable practices on farm profitability, quality of life, rural communities, and the environment. Also available as a CD-ROM and on the Sustainable Agriculture Research and Education Web site.

Grades 9-adult
Paperback, $10 plus $3.95 s/h
CD-ROM, $5 plus $3.95 s/h
Quantity discounts available

Sustainable Agriculture Publications
Hills Building, Room 210
University of Vermont
Burlington, VT 05405-0082
Phone: (802) 656-0484
Fax: (802) 656-4656
E-mail: sanpubs@uvm.edu
Web site: www.sare.org

TEXTILES

See COTTON, FIBERS, and WOOL listings

TIMBER

See FORESTRY AND FOREST PRODUCTS, TREES and individual commodity listings

TOMATOES

Processing Tomatoes Fact and Activity Sheet

This California specific fact sheet includes information on tomato production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and fun facts about tomatoes.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

TREES

Also see ENVIRONMENT, FORESTRY AND FOREST PRODUCTS, and individual commodity listings

American Forests Famous & Historic Trees

Catalog describes numerous trees available for purchase. The trees available are associated with certain people of the nation's historical heritage. The catalog describes the history of each tree including the person it represents. Downloadable lesson plans are available on the Web site.

Grades 4-adult
Free catalog

Historic Tree Nursery
8701 Old Kings Road
Jacksonville, FL 33219
Toll free: (800) 320-TREE
Fax: (800) 264-6869
Web site: www.historictrees.org

Christmas Trees

General and technical information on growing Christmas trees, as well as information on Christmas tree farms around the state.

Grades 8-adult
Free

California Christmas Tree Association
Web site: www.cachristmas.com

One Green Tree

This fun adventure story shows how a tree grows, produces food for itself, and reproduces. Students will also see how trees benefit the environment by enhancing the soil, water, air, and more.

Grades 3-7
1-249 copies, $.70 each
250-499 copies, $.65 each
Other quantity pricing available

National Association of Conservation Districts
Service Center
Post Office Box 855
League City, TX 77574-0855
Toll free: (800) 825-5547
Fax: (281) 332-5259
Web site: www.nacdnet.org

What Tree Is That?

This key full of diagrams and descriptions allows one to identify trees that grow in the Western United States.

Grades 5-adult
$3

The National Arbor Day Foundation
100 Arbor Avenue
Nebraska City, NE 68410
Phone: (402) 474-5655
Fax: (402) 474-0820
E-mail: education@arborday.org
Web site: www.arborday.org

TURKEYS

Turkey Time

Educational activity kit comes in a folder that also serves as a turkey display.

Grades K-6
Free

California Poultry Federation
3117-A McHenry Avenue
Modesto, CA 95350
Phone: (209) 576-6355
Fax: (209) 576-6119
E-mail: califpoultry@cs.com
Web site: www.CPIF.org

VEGETABLES

Also AGRICULTURE, NUTRITION, and individual commodity listings

Cool as a Cucumber, Hot as a Pepper: Fruit Vegetables

This book provides a fun-filled exploration of the history of tomatoes, avocados, eggplants, breadfruit, cucumbers, squashes, and peppers—some of the most important fruits commonly eaten as vegetables. It examines the discovery and the migration of these plants as well as their roles in cooking, technology, and world cultures. Some field to table examples are provided.

Grades 4-adult
$26.60 plus s/h

Lerner Publishing Group
1251 Washington Avenue North
Minneapolis, MN 55401-1036
Toll free: (800) 328-4929
Fax: (800) 332-1132
E-mail: custserve@lernerbooks.com
Web site: www.lernerbooks.com

Green Power: Leaf and Flower Vegetables

This book with colorful photographs and a unique format provides information, recipes and stories about leaf and flower vegetables such as cabbage, broccoli, artichokes, spinach, lettuce, and Belgian endive. It describes the discovery and migration of the plants as well as their roles in cooking, technology, and world cultures.

Grades 4-adult
$26.60 plus s/h

Lerner Publishing Group
1251 Washington Avenue North
Minneapolis, MN 55401-1036
Toll free: (800) 328-4929
Fax: (800) 332-1132
E-mail: custserve@lernerbooks.com
Web site: www.lernerbooks.com

VERMICOMPOSTING

See WORM listings

WALNUTS

Walnuts Fact and Activity Sheet

This California specific fact sheet includes information on walnut production, history, nutrition, and economic value. The activity sheet provides lesson ideas and fun facts on walnuts.

Grades K-12
Free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

Walnut Marketing Board Materials

A Timeless Journey Told by Mr. Walnut

In this mini-travelogue, author Phillip E. Hauck traces the history of the walnut from pre-historic man all the way to the first walnut tree plantings in California by the Mission Fathers.

Grades K-6
$15

Walnuts

An overview of the walnut industry and a walnut lesson plan can be obtained from the Walnut Marketing Board's Web site.

Grades 3-12
Free downloadable lesson on the Web site

Walnut Marketing Board
1540 River Park Drive, Suite 203
Sacramento, CA 95815
Phone: (916) 922-5888
Fax: (916) 923-2548
E-mail: wmbcwc@walnuts.org
Web site: www.walnuts.org

WASTE MANAGEMENT

California Integrated Waste Management Board

A variety of waste management resources are available from this organization. Some titles include *Closing the Loop: Exploring Integrated Waste Management and Resource Conservation, Municipal Solid Waste,* and *Earth Resources-A Case Study: Oil.* Most resources require participation in a free workshop.

Grades K-12
Request free information

California Integrated Waste Management Board
Public Education and Assistance Section
1001 I Street
Post Office Box 4025
Sacramento, CA 95812-4025
Phone: (916) 341-6764
Web site: ciwmb.ca.gov/Schools

WATER

Also see ENVIRONMENT and SOIL listings

Agricultural Water Fact and Activity Sheet

This two-sided document provides information on water sources, the history of water development, and the forms of irrigation. The activity sheet provides specific lesson ideas and a historical timeline of California water development.

Grades 4-adult
One copy free

California Foundation for Agriculture in the Classroom
2300 River Plaza Drive
Sacramento, CA 95833-3293
Toll free: (800) 700-AITC
Fax: (916) 561-5697
E-mail: cfaitc@cfbf.com
Web site: www.cfaitc.org

California Farm Water Coalition Materials

Alfalfa—A Home for Animals and Ice Cream for People

This interactive lesson teaches students about alfalfa production in California and how it benefits consumers and contributes to the economy and the environment. It also shows how alfalfa production uses water resources efficiently, and how California's climate gave rise to the development of water for irrigation, and how this development led to dairy and cattle industries and the need for alfalfa. Unit is aligned to the Content Standards for California Public Schools.

Grades 4-6
Free

Cotton and the Water Connection

This eight-lesson unit has students discover personal connections to cotton, California's second most valuable export while critically looking at different viewpoints on irrigated agriculture. Lesson topics include water development, California climate and topography, irrigation, drainage, and salinity. Unit is aligned to the Content Standards for California Public Schools and contains the Farm Water Works video, cotton boll, cotton seeds, blackline masters, and color photographs.

Grades 4-6
Free

Farm Water for Kids Activity Book and Stickers

This eight-page activity book, featuring the Farm Water 'Toons, contains fun facts about irrigated agriculture and includes a word search, math problems and more. A set of six colorful stickers accompanies the book.

Grades 2-4
Free

Farm Water Works

This 14-minute video features balanced information about irrigated agriculture in California and provides information on the historical development of agricultural water supplies in California.

Grades 4-adult
Free

Water Fact Book: California Agriculture and Its Uses of Water

A reference tool for educators interested in agricultural water use. It provides a factual basis for agriculture's views on water use by combining statistics with information on industry programs and practices.

Reference book
Free

California Farm Water Coalition
717 K Street, Suite 510
Sacramento, CA 95814
Phone: (916) 441-7723
Fax: (916) 441-7842
E-mail: info@cfwc.com
Web site: www.cfwc.com

The Clean Water Team

Educational comic book on watershed concepts as they relate to water use in agriculture.

Grades 4-6
$ .35 each

American Farm Bureau Foundation for Agriculture
225 Touhy Avenue
Park Ridge, IL 60068
Phone: (847) 685-8663
Fax: (847) 685-8626
Web site: www.ageducate.org

May is Water Awareness Month

Kit, games, stickers, and other items. Call for ordering information and costs.

Grades K-12
Free list

California Water Awareness Campaign
910 K Street, #340
Sacramento, CA 95814-3577
Phone: (916) 325-2596
Fax: (916) 325-4849
E-mail: cwac@acwanet.com

Project WET

Project WET is an international interdisciplinary water education program for formal and non-formal educators of K-12 students. More than 90 innovative activities which are hands-on, easy-to-use and fun are included in the *Project WET Curriculum and Activity Guide*. The guide is only available to educators who participate in a Project WET workshop.

Grades K-12
Free list of workshops

Water Education Foundation
717 K Street, Suite 317
Sacramento, CA 95814
Phone: (916) 444-6240
Fax: (916) 448-7699
E-mail: jwheatley@watereducation.org
Web site: www.watereducation.org

Water Conservation Materials

See SOILS listing

Water Education Foundation Materials

California's Water Problems

A series of four role-playing scenarios with appropriate lesson plans, worksheets and evaluation devices on topics including the Delta, Colorado River, agricultural drainage, and groundwater.

Grades 9-14
$20

California's Water Story

Multi-disciplinary unit includes a California water map, poster, trivia game, video and lesson plan booklet with worksheets and water awareness stickers.

Grades 4-6
$20/classroom set

The Fountains of Columbia

This 11-minute video, shot on location at Columbia State Historic Park, helps students envision what life was like in a California gold mining town 150 years ago, and the importance that water played within the mining community. Lesson plan booklet included.

Grades 4-6
$29.95 plus 7.75% sales tax, plus $3 s/h

Groundwater Education for Secondary Students

Teaches students about groundwater and the prevention, reduction and elimination of groundwater pollution. Includes a California groundwater map. Two lessons available in Spanish.

Grades 7-12
$20

H20-2010

The history of California water and the critical water policy issues facing us today are examined by teens in a "Back to the Future" style scenario. Includes video and teacher guide.

Grades 9-12
$25

Hydroexplorer

Computer games have students explore watersheds, learn about river geography and how water is used in California or Colorado. A version *Hydroexplorer Comes to Your Home* is also available.

California	Colorado	Home
Grades 4-6	Grades 4-6	Grades K-5
IBM $25	IBM $25	IBM $25
Macintosh $25	Macintosh $25	Macintosh $25

Project Water Science

A general science unit which studies water chemistry and how it relates to the environment. Includes reproducible gameboard, fact card and a California water map.

Grades 7-12
$20

To Quench a Thirst

This 60-minute documentary presents a comprehensive look at critical water resources issues in California, from the state's early history to the present. Includes video and viewer's guide.

Grades 7-12
$25

Water Education Foundation
717 K Street, Suite 317
Sacramento, CA 95814
Phone: (916) 444-6240
Fax: (916) 448-7699
E-mail: jwheatley@watereducation.org
Web site: www.watereducation.org

Water Education Materials

Student workbooks, teacher's guides, coloring books, flannel board stories, water map, and posters. Bilingual material available.

Grades K-8
Free catalog and materials

California Department of Water Resources
Attn: Carolyn Tucker
Office of Water Education
1416 9th Street
Sacramento, CA 95814
Phone: (916) 653-9892
Fax: (916) 653-4684
E-mail: carolyn@water.ca.gov
Web site: www.dwr.water.ca.gov

Water Precious Water

Teacher's guide and hands-on water activities. Investigations relate to water awareness, water cycle, evaporation, conservation, treatment, quality, absorption and erosion, distribution, and water properties. Investigations will give students a good understanding of the role of water in our lives.

Grades 2-6
$18.95, request Item #1301
Free catalog

AIMS Education Foundation
Post Office Box 8120
Fresno, CA 93747-8120
Toll free: (888) 733-2467
Fax: (559) 255-6396
E-mail: aimsales@fresno.edu
Web site: www.AIMSedu.org

Water - The Basis of Life

10-minute video highlights the historical perspectives of water in California and promotes water conservation measures.

Grades 7-12
$10 plus s/h

Pond-Shafter-Wasco Resource Conservation District
1601 New Stine Road #270
Bakersfield, CA 93309
Phone: (661) 861-4129
Fax: (661) 861-4333

WHEAT

Also see AGRICULTURE listing

Wheat Packet

Contains lesson plans, resources, historical and economic information. Includes instructions on growing wheat and other data.

Grades K-12
Free, California teachers only

California Wheat Commission
Post Office Box 2267
Woodland, CA 95776
Phone: (530) 661-1292
Fax: (530) 661-1332
E-mail: info@californiawheat.org
Web site: www.californiawheat.org

WOOL

Also see SHEEP listing

Wool Packet

Packet includes wool chart, two booklets about wool production and the Pendleton Company.

Grades K-12
Free

Pendleton Woolen Mills
Education and Testing Department
Post Office Box 3030
Portland, OR 97208-3030
Phone: (503) 226-4801
Fax: (503) 273-2794
E-mail: education@pendleton-usa.com
Web site: www.pendleton-usa.com

WORMS

Flowerfield Enterprises Materials

Wormania Video

This 26-minute video features close-ups of live earthworms in their natural habitat. Includes eight-page Wormania! teaching guide.

Grades K-8
$34.90 plus $3.50 s/h

Worm-a-way Vermicomposting Kit

This kit comes with Mary Appelhof's vermicomposting bin, a unique ventilation system, snap-on lid, the *Worms Eat My Garbage* book, and a coupon for one pound of redworms. Two sizes available.

Grades K-adult
Call for order form or check Web site

Worm Bin Creatures Alive Through the Microscope Video

This 31-minute video shows close-ups of busy sow bugs, springtails, mites, redworms, and other worm bin creatures.

Grades K-adult
$25 plus $4 s/h

The Worm Café: Mid-Scale Vermicomposting of Luncheon Waste

This detailed manual by Binet Payne describes a school-wide program for integrating the recycling of glass, cans, milk cartons, and paper wastes with a cafeteria food-waste recycling program using redworms.

Grades K-adult
$29.95 plus $4 s/h

Worms Eat My Garbage

This 176-page book written by Mary Appelhof is a guide to vermicomposting, a process using redworms to recycle food waste into nutrient-rich food for plants.

Grades K-adult
$12.95 plus $2.50 s/h

Worms Eat Our Garbage: Classroom Activities for a Better Environment

Integrated curricular activities use the world of worms, the environment, and natural resources to help children develop language, math, problem-solving, and critical-thinking skills.

Grades 4-6
$22.95 plus $4 s/h

Flowerfield Enterprises
10332 Shaver Road
Kalamazoo, MI 49024
Phone: (616) 327-0108
Fax: (616) 327-7009
E-mail: mary@wormwoman.com
Web site: www.wormwoman.com

The Adventures of Vermi the Worm

This animated interactive Web-based learning site for third graders teaches about the concepts of vermicomposting, composting, and waste reduction.

Grade 3
Free, on Web site only

California Integrated Waste Management Board
Public Education and Assistance Section
1001 I Street
Post Office Box 4025
Sacramento, CA 95812-4025
Phone: (916) 341-6764
Web site: www.ciwmb.ca.gov/vermi

The Wonderful World of Wigglers

This resource book helps students understand the ecological value of worms. The adventures of an earthworm, "Wilma Worm," are woven throughout a variety of interdisciplinary activities. Includes a teacher resource guide. 164 pages.

Grades K-5
$14.95 plus s/h

Common Roots Press Food Works
64 Main Street
Montpelier, VT 05602
Toll free: (800) 310-1515
Fax: (802) 229-5277
E-mail: foodwork@together.net

The Worm Guide

This guide includes information on how to start a vermicomposting system at school, a variety of activities, and information on how to use the finished product in a school garden.

Grades K-12
Free

California Integrated Waste Management Board
Public Education and Assistance Section
1001 I Street
Post Office Box 4025
Sacramento, CA 95812-4025
Phone: (916) 341-6764
Web site: ciwmb.ca.gov/vermi

Section 3

Additional Agricultural Facts and Information

California Agriculture

Resources in Your Community

Field Trip Ideas

California Counties at a Glance

#1 Commodities by County

California Agriculture Quiz

California Association Future Farmers of America

Agriculture Related Books

Agricultural Web Sites

California Agriculture, 2000

CALIFORNIA AGRICULTURAL STATISTICS SERVICE

Agricultural Overview

When people think of California, they generally think of Disneyland, Hollywood, the Beach Boys, beautiful weather, earthquakes, traffic problems, and millions of people, but seldom do they think of agriculture. Think again. The Golden State is also home to the largest food and agricultural economy in the nation. No other state even comes close. California's farmers and ranchers have made this state the leader in agricultural production for more than 50 years.

Got milk? You better believe we do. California produces almost one out of every five glasses of milk in the nation. The dairy industry continues to grow at an astonishing rate with milk production jumping 6 percent from 1999 to 2000. California also has some of the largest dairies in the country with more than 600 cows on an average dairy, while the United States average is less than 100. In 2000, the average milk production per cow in California was 21,169 pounds, 16 percent higher than the national average.

And no, you didn't just hear it through the grapevine. California produces most of the grapes grown in the United States. Are you ready to toast your friends with a glass of wine? Chances are it was produced by one of the nearly 1,100 wineries in the state. Warm days and cool nights are very conducive to growing grapes, and California now produces some of the best wine in the world. In 2000, 92 percent of all grapes (raisin, table and wine) produced came from right here in the Golden State.

Are you hungry for a fruit, nut, or vegetable? Flip a coin. Since the state grows more than half of the nation's fruits, nuts, and vegetables, there's a fifty-fifty chance it's from California. Oh, and don't forget artichokes, brussels sprouts, almonds, dates, figs, kiwifruit, nectarines, olives, pistachios, dried plums (prunes), and walnuts – they will be hard to find growing in any other state. Don't worry though; these are easy to find in your grocery store with a proud label indicating they're California grown.

And California agriculture is more than just food. Golden State farmers also contribute to the creation of products related to manufacturing, health care, printing, education, recreation, transportation, construction, entertainment, and personal care. There's everything from detergents, x-ray film, antibodies, paper, shampoo, toothpaste, footballs, shoes, flowers, tires and antifreeze to baseball bats.

The Golden State is, by far, the number-one agricultural producer and exporter in the United States. In fact, last year the agricultural marketings reached $27.2 billion. And for those in Texas who like to talk big, California's total represents more agriculture than Texas and Iowa combined – the second and third leading agricultural states in the nation.

So, if it's breakfast, lunch, dinner, or almost anything else, remember it was probably grown right here in California.

California Farm Facts

California has 87,500 farms, which constitute about 4 percent of the nation's total farms. However, these farms account for 13 percent of the national gross cash receipts from farming. Some 350 crops are recognized in California, including seeds, flowers and ornamentals

United States' Top Five Agricultural States

State	Total Value	Rank
	Billion Dollars	
California	25.5	(1)
Texas	13.3	(2)
Iowa	10.8	(3)
Nebraska	9.0	(4)
Kansas	7.9	(5)

Facts & Info

California's Top 20 Commodities

California's top 20 crop and livestock commodities account for 72 percent of the state's gross farm income. A large number of these are specialty crops in which the Golden State accounts for most production in the United States. Milk production remained number one in 2000, followed by grapes and nursery products.

California's Top Twenty Commodities for 2000

Commodity	Value and Rank					
	1998		1999		2000	
	Thousand Dollars					
Milk	4,140,659	(1)	4,090,952	(1)	3,703,920	(1)
Grapes, All	2,416,637	(2)	2,655,766	(2)	2,836,313	(2)
Nursery	1,771,003	(3)	2,007,738	(3)	2,247,256	(3)
Lettuce, All	1,099,591	(4)	1,129,758	(5)	1,484,115	(4)
Cattle and Calves	1,048,300	(5)	1,223,123	(4)	1,266,985	(5)
Tomatoes, All	896,622	(6)	1,117,983	(6)	951,030	(6)
Cotton Lint	529,259	(12)	672,412	(11)	898,263	(7)
Flowers and Foliage	766,836	(8)	774,877	(8)	841,914	(8)
Strawberries	756,848	(9)	876,233	(7)	767,306	(9)
Hay, All	789,572	(7)	767,325	(9)	730,422	(10)
Almonds	703,590	(10)	687,742	(10)	681,649	(11)
Broccoli	454,383	(14)	432,973	(14)	536,757	(12)
Chickens, All	507,556	(13)	515,268	(12)	471,081	(13)
Avocados	263,473	(18)	327,002	(16)	362,118	(14)
Carrots	334,866	(15)	451,315	(13)	346,731	(15)
Oranges, All	614,610	(11)	403,850	(15)	345,654	(16)
Celery	203,126	(24)	209,940	(25)	309,711	(17)
Walnuts	238,350	(19)	250,738	(19)	289,190	(18)
Onions, All	267,636	(17)	246,362	(20)	263,184	(19)
Peppers, Bell	170,374	(29)	220,997	(23)	257,367	(20)

Leading Counties

California has some of the most agriculturally productive counties in the country. According to the 1997 Census of Agriculture's ranking of market value of agricultural products sold, eight of the nation's top ten producing counties are in California.

Fresno is the leading agriculture county in the nation and in 2000 reached $3.42 billion in agricultural value. If ranked separately, the value of agricultural commodities in Fresno County would rank it ahead of over half the states in cash receipts.

California's Gross Cash Income for 2000

Agricultural production and gross cash income in 2000 increased to $27.2 billion, 1 percent higher than the previous year and fractionally less than the record income set in 1997. Cash receipts from farm marketings totaled $25.5 billion, up 2 percent from 1999; other farm related income totaled $1.65 billion.

Fruit and nut total gross cash receipts, at $7.31 billion, jumped 7 percent from last year and comprised 27 percent of the total. Vegetable receipts also increased 7 percent from $6.25 billion in 1999 to $6.67 billion in 2000. Livestock and poultry dropped 6 percent and comprised 23 percent of the total. Floriculture, with 10 percent of the total was down 1 percent from last year. Field crops accounted for 9 percent of the total; their cash receipts dropped 1 percent from the previous year.

The Golden State's two leading commodities in cash receipts are milk with $3.70 billion and grapes with $2.84 billion. Nationally, California has about 19 percent of the total milk receipts and 91 percent of the grape receipts.

BEST COPY AVAILABLE

Resources in Your Community

Agricultural Organizations
Call County Farm Bureau offices to see if any of the following are in your area:
- California Women for Agriculture
- Commodity associations
- Agricultural cooperatives
- Grange associations
- Resource Conservation Districts
- State and federal education and research offices
- Others

Agriculture Education Instructors
- Community colleges, colleges and universities – Agriculture & Natural Resources Department
- Future Farmers of America
- Middle and high schools

Businesses-Local/Regional/National
- Banks
- Department and hardware stores
- Garden and floral shops
- Grocery stores
- Processing plants

Chamber of Commerce
- Agriculture Division
- Directory
- History
- Maps

County Agriculture Commissioner's Office
- Classroom speakers
- Entomologists
- Regulations
- Statistics

County Fair Office
- Agriculture division
- Educational entries
- Posters
- Special events person

County Farm Bureau Office
- Field trip possibilities
- List of agricultural groups within the county
- Newsletters
- Summer Agricultural Seminars

County Superintendent of Schools Office
- Curriculum coordinators
- Instructional materials center/library
- Public information officer

Education Materials
- Catalogs, directories
- Museums, historical societies
- Organizations
- Teacher supply stores
- Web sites

Farmers Markets
- Certified farmers markets
- Farm Trail organizations
- Local farm markets

Libraries
- Local and county reference desks
- National Agricultural Library access

Mentor Teachers
- Agricultural resources
- Garden resources
- Subject area field trips

Museums
- Local historical societies
- Natural history
- Science

Newspaper Editors

Offices with Staff Available
- Agriculture-related private industries
  - Banks, agriculture lenders
  - Fertilizer dealer
  - Seed company
  - Tractor dealer
- City Council, Mayor
- Congressional Representative regional offices
- County Board of Supervisors county seal, maps
- State Assembly, Senate District Office

Phone Book
- Community Service Numbers
  - Agriculture
- Government Pages
  - Agriculture
- Yellow Pages
  - Area Profile
  - Places to Go
  - Fun for Kids
  - Did You Know?
  - Calendar of Events
  - Index

Teachers
- AITC Ambassadors
- Curriculum specialists
- Staff meetings
- Workshops

University of California County Cooperative Extension Office
- County agriculture profiles and history
- Entry into UC resource library systems
- 4-H materials
- Food, animal and plant commodity specialists
- Master Gardeners
- Research

Field Trip Ideas

The following locations are appropriate for agricultural student field trips. Please contact the site of interest and obtain information on planning a trip with your students. Fee, schedules, and maps for most locations are available upon request.*

Abele Farms, Herb Gardens & Learning Center

Owned and operated since 1850, this fifth generation farm is located at the base of the Dunigan hills between the towns of Zamora and Yolo. There are a variety of gardens and hiking trails to explore and the treasures of "country life" are shared with children.

Abele Farms
Herb Gardens & Learning Center
Post Office Box 476
Yolo, CA 95697
Phone: (530) 661-0237
Fax: (530) 661-7079
E-mail: abelefarms@AFES.com
Web site: abelefarms.com

Bell Gardens Farm

Visitors, school classes and other groups can see fields in various stages of production, from plowing and seeding to fertilizing, cultivating, and harvesting. Guided tours available by reservation.

Bell Gardens
30841 Cole Grade Road
Valley Center, CA 92082
Phone: (760) 749-6297
Fax: (760) 749-4093
Web site: www.bellgardensfarm.com

Centennial Farm

Four-acre working farm with a wide variety of crops and animals. Guided and self-guided field trips available, reservations required.

Centennial Farms
Orange County Fair and Exposition Center
88 Fair Drive
Costa Mesa, CA 92626
Phone: (714) 708-1618
Web site: www.ocfair.com

Country Lake Ostriches

Country Lake Ostriches is a fully operational ostrich ranch and "show farm." Located in the San Joaquin county, this company offers school tours, a gift shop, and petting zoo.

Country Lake Ostriches
6909 Cox Road
Linden, CA 95236
Toll Free: (877) 999-7969
E-mail: ostrich1@gotnet.net
Web site: www.countrylakeostriches.com

Deer Hill Ranch

Deer Hill Ranch is a non-profit organization located on a working ranch that teaches children about ranching through hands-on exposure to farm animals. Deer Hill Ranch also provides team building programs to teens and adults through use of a low and high ropes course.

Deer Hill Ranch
Experiential Learning Center
3232 Deer Hill Road
Lafayette, CA 94549
Phone: (925) 283-1197
Fax: (925) 283-1184
Web site: www.deerhillranch.org

Fairview Gardens

The Center for Urban Agriculture at Fairview Gardens is a 100-year-old farm, which provides the local community with fresh, chemical-free fruits and vegetables; demonstrates the economical viability of sustainable agricultural methods for small farm operations; conducts research and interprets the connections between food, land stewardship, and community well-being. School children and the public tour this facility regularly.

The Center for Urban Agriculture at Fairview Gardens
598 North Fairview Avenue
Goleta, CA 93117
Phone: (805) 967-7369
Fax: (805) 967-0188
E-mail: fairviewg@aol.com
Web site: www.fairviewgardens.org

Field Trip Ideas (continued)

FARMS Leadership, Inc.

FARMS Leadership Inc. implements two programs: the statewide FARMS Leadership Program, and the Yolo/Solano/Sacramento - based SLEWS Program. Both are hands-on experiential learning programs that take students out of the classroom and onto farms, ranches, wildlife areas, and post-secondary institutions to teach them about sustainable agriculture, conservation, and the environment. The headquarters in Winters is also a farm and nature center which can host high school classes for outdoor activities and field-days. Call for details or check the Web site.

FARMS Leadership, Inc.
5265 Putah Creek Road
Winters, CA 95694
Phone (530) 795-1520
Web site: www.farmsleaders.org

Heidrick Ag History Center

Introduces visitors to the marvels of agriculture and commercial trucking through 130,000 square feet of interactive, one-of-a-kind exhibits featuring the latest in museum and attraction technologies.

Heidrick Ag History Center
1962 Hays Lane
Woodland, CA 95776
Phone: (530) 666-9700
Fax: (530) 666-9712

Heritage Complex and International Agri-Center

The Heritage complex located in Tulare, California provides students and teachers to learn about agriculture. The Farm Equipment Museum is a tribute to past generations of California farmers and dairymen. The Learning Center explains the basic fundamentals of agriculture to school children and urban and rural citizens. Visitors are encouraged to interact with the hands-on exhibits and engage in the Multi-Media Theater. Farm tours are also available.

Heritage Complex
4500 South Laspina Street
Tulare, CA 93274
Phone: (559) 688-1030
Fax: (559) 688-5527
E-mail: info@farmshow.org
Web site: www.farmshow.org

Hilmar Cheese Company

Students watch cheese being made in the Cheese Theater, experience interactive learning centers, and view the production plant. K-3 students may make (and eat) their own ice cream. Fourth grade and older students may schedule to make cheese using the scientific method. Tours include a standards-based student booklet and "cheese making graduate" stickers.

Hilmar Cheese Company
Attention: Renee Aschwanden
9001 North Lander Avenue
Hilmar, CA 95324
Phone: (209) 667-6076
Fax: (209) 634-1408
Web site: www.hilmarcheese.com

Michener's Tree Farm

Located in the northern portion of the state, this privately owned forest of approximately 200 acres, is available for one-hour tours. The intent is to show visitors how a harvested crops of trees can be sustainably grown while being aesthetically pleasing and fire-safe and be a wildlife and native plant preserve. Visitors are encouraged to judge for themselves the value of intervention by humans in a forest. Both healthy and unhealthy forest landscapes will be observed. The cost is $1 per person. Picnic area and overnight camping is available.

Ron and Carol Michener
Star Route 1, Box 72
Zenia, CA 95595
E-mail: rmichener@stardand.net

Micke Grove County Park

This park includes an agricultural history museum of San Joaquin County, a large park area and zoo.

Micke Grove County Park
11793 North Micke Grove Road
Lodi, CA 95240
Phone: (209) 331-7400
Fax: (209) 331-2012

Field Trip Ideas (continued)

Occidental Arts and Ecology Center

Occidental Arts and Ecology Center offers a variety of one-day and weekend courses for children and adults. From school garden teacher trainings to biodiversity and cooking courses, participants enjoy unique research, education, and action programs in a beautiful setting.

Occidental Arts and Ecology Center
15290 Coleman Valley Road
Occidental, CA 95465
Phone: (707) 874-1557
Fax: (707) 874-1558
E-mail: oaec@oaec.org
Web site: www.oaec.org

The Pizza Farm

Visit a farm that really grows pizza! This one-half acre "living" farm is shaped like a pizza. In each of the eight pieces, students see, touch and then learn about the plants and animals used to make pizza. Guided tours, free lesson plans, and pizza lunch available. A three-acre cornfield maze, and pumpkin patch are also available for self-guided tours and exploration.

The Pizza Farm
27877 Avenue 8
Madera, CA 96367
Toll free: (800) 557-1222
Fax: (209) 661-2172
E-mail: pizzafarmer@psnw.com
Web site: pizzafarm.org

Facts & Info

*Please contact the California Foundation for Agriculture in the Classroom if you know of additional agricultural field trip sites for students. We may add them to this list next year.

California Counties at a Glance

County Agricultural Offices

ALAMEDA
Agricultural Commissioner, Hayward ..... (510) 670-5232
UC Cooperative Extension/4-H ..... (510) 567-6812
Farm Bureau, Livermore ..... (925) 449-1677

AMADOR
Agricultural Commissioner, Jackson ..... (209) 223-6487
UC Cooperative Extension/4-H ..... (209) 223-6482
Farm Bureau, Jackson ..... (209) 223-9095

BUTTE
Agricultural Commissioner, Oroville ..... (530) 538-7381
UC Cooperative Extension/4-H ..... (530) 538-7201
Farm Bureau, Oroville ..... (530) 533-1473

CALAVERAS
Agricultural Commissioner, San Andreas ..... (209) 754-6504
UC Cooperative Extension/4-H ..... (209) 754-6477
Farm Bureau, San Andreas ..... (209) 772-3987

COLUSA
Agricultural Commissioner, Colusa ..... (530) 458-0580
UC Cooperative Extension/4-H ..... (530) 458-0570
Farm Bureau, Williams ..... (530) 458-5130

CONTRA COSTA
Agricultural Commissioner, Concord ..... (925) 646-5250
4-H ..... (925) 646-6543
UC Cooperative Extension ..... (925) 646-6540
Farm Bureau, Concord ..... (925) 672-5115

DEL NORTE
Agricultural Commissioner, Crescent City ..... (707) 464-7231
UC Cooperative Extension/4-H ..... (707) 464-4711
Farm Bureau, Smith River ..... (707) 487-0612

EL DORADO
Agricultural Commissioner, Placerville ..... (530) 621-5520
UC Cooperative Extension/4-H ..... (530) 621-5502
Farm Bureau, Placerville ..... (530) 622-7773

FRESNO
Agricultural Commissioner, Fresno ..... (559) 456-7510
UC Cooperative Extension/4-H ..... (559) 456-7285
Farm Bureau, Fresno ..... (559) 237-0263

GLENN
Agricultural Commissioner, Willows ..... (530) 934-6501
UC Cooperative Extension/4-H ..... (530) 865-1107
Farm Bureau, Orland ..... (530) 865-9636

HUMBOLDT
Agricultural Commissioner, Eureka ..... (707) 445-7223
UC Cooperative Extension/4-H ..... (707) 445-7351
Farm Bureau, Eureka ..... (707) 443-4844

IMPERIAL
Agricultural Commissioner, El Centro ..... (760) 482-4314
UC Cooperative Extension/4-H ..... (760) 352-9474
Farm Bureau, El Centro ..... (760) 352-3831

INYO
Agricultural Commissioner, Bishop ..... (760) 873-7860
UC Cooperative Extension/4-H ..... (760) 873-7854
Farm Bureau, Bishop ..... (760) 933-2505

KERN
Agricultural Commissioner, Bakersfield ..... (661) 868-6300
UC Cooperative Extension/4-H ..... (661) 868-6200
Farm Bureau, Bakersfield ..... (661) 397-9635

KINGS
Agricultural Commissioner, Hanford ..... (559) 582-3211x2831
UC Cooperative Extension/4-H ..... (559) 582-3211x2730
Farm Bureau, Hanford ..... (559) 584-3557

LAKE
Agricultural Commissioner, Lakeport ..... (707) 263-0217
UC Cooperative Extension/4-H ..... (707) 263-6838
Farm Bureau, Lakeport ..... (707) 263-0911

LASSEN
Agricultural Commissioner, Susanville ..... (530) 251-8110
UC Cooperative Extension/4-H ..... (530) 251-8285
Farm Bureau, Susanville ..... (530) 257-7242

LOS ANGELES
Agricultural Commissioner, Arcadia ..... (626) 575-5451
UC Cooperative Extension/4-H ..... (323) 838-8330
Farm Bureau, Lancaster ..... (661) 948-6571

MADERA
Agricultural Commissioner, Madera ..... (559) 675-7876
UC Cooperative Extension/4-H ..... (559) 675-7879
Farm Bureau, Madera ..... (559) 674-8871

MARIN
Agricultural Commissioner, Novato ..... (415) 499-6700
UC Cooperative Extension/4-H ..... (415) 499-4204
Farm Bureau, Point Reyes Station ..... (415) 663-1231

MARIPOSA
Agricultural Commissioner, Mariposa ..... (209) 966-2075
UC Cooperative Extension/4-H ..... (209) 966-2417
Farm Bureau, Mariposa ..... (209) 966-3848

MENDOCINO
Agricultural Commissioner, Ukiah ..... (707) 463-4208
UC Cooperative Extension/4-H ..... (707) 463-4495
Farm Bureau, Ukiah ..... (707) 462-6664

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MERCED
Agricultural Commissioner, Merced ..... (209) 385-7431
UC Cooperative Extension/4-H ..... (209) 385-7403
Farm Bureau, Merced ..... (209) 723-3001

MODOC
Agricultural Commissioner, Alturas ..... (530) 233-6401
UC Cooperative Extension/4-H ..... (530) 233-6400
Farm Bureau, Alturas ..... (530) 233-3276

MONO
Agricultural Commissioner, Bishop ..... (760) 873-7860
UC Cooperative Extension/4-H ..... (760) 873-7854
Farm Bureau, Bishop ..... (760) 933-2505

MONTEREY
Agricultural Commissioner, Salinas ..... (831) 759-7325
4-H ..... (831) 759-7360
UC Cooperative Extension ..... (831) 759-7350
Farm Bureau, Salinas ..... (831) 455-2600

NAPA
Agricultural Commissioner, Napa ..... (707) 253-4357
UC Cooperative Extension/4-H ..... (707) 253-4221
Farm Bureau, Napa ..... (707) 224-5403

NEVADA
Agricultural Commissioner, Grass Valley ..... (530) 273-2648
UC Cooperative Extension/4-H ..... (530) 273-4563
Farm Bureau, Grass Valley ..... (530) 346-8146

ORANGE
Agricultural Commissioner, Anaheim ..... (714) 447-7100
UC Cooperative Extension/4-H ..... (714) 708-1606
Farm Bureau, Irvine ..... (714) 573-0374

PLACER
Agricultural Commissioner, Auburn ..... (530) 889-7372
UC Cooperative Extension/4-H ..... (530) 889-7385
Farm Bureau, Newcastle ..... (916) 663-2929

PLUMAS
Agricultural Commissioner, Quincy ..... (530) 283-6365
UC Cooperative Extension/4-H ..... (530) 283-6173
Farm Bureau, Loyalton ..... (530) 993-4550

RIVERSIDE
Agricultural Commissioner, Riverside ..... (909) 955-3045
UC Cooperative Extension/4-H ..... (909) 683-6491
Farm Bureau, Moreno Valley ..... (909) 684-6732

SACRAMENTO
Agricultural Commissioner, Sacramento ..... (916) 875-6603
UC Cooperative Extension/4-H ..... (916) 875-6913
Farm Bureau, Elk Grove ..... (916) 685-6958

SAN BENITO
Agricultural Commissioner, Hollister ..... (831) 637-5344
UC Cooperative Extension/4-H ..... (831) 637-5346
Farm Bureau, Hollister ..... (831) 637-7643

SAN BERNARDINO
Agricultural Commissioner, San Bernardino ..... (909) 387-2105
UC Cooperative Extension/4-H ..... (909) 387-2171
Farm Bureau, Rialto ..... (909) 875-5945

SAN DIEGO
Agricultural Commissioner, San Diego ..... (858) 694-2741
UC Cooperative Extension/4-H ..... (858) 534-4238
Farm Bureau, Escondido ..... (760) 745-3023

SAN FRANCISCO
Agricultural Commissioner, San Francisco ..... (415) 285-5010
UC Cooperative Extension/4-H ..... (650) 871-7559

SAN JOAQUIN
Agricultural Commissioner, Stockton ..... (209) 468-3300
UC Cooperative Extension/4-H ..... (209) 468-2085
Farm Bureau, Stockton ..... (209) 931-4931

SAN LUIS OBISPO
Agricultural Commissioner, San Luis Obispo ..... (805) 781-5910
4-H ..... (805) 781-5943
UC Cooperative Extension ..... (805) 781-5940
Farm Bureau, San Luis Obispo ..... (805) 543-3654

SAN MATEO
Agricultural Commissioner, Redwood City ..... (650) 363-4700
UC Cooperative Extension/4-H ..... (650) 726-9059
Farm Bureau, Half Moon Bay ..... (650) 726-4485

SANTA BARBARA
Agricultural Commissioner, Santa Barbara ..... (805) 681-5600
UC Cooperative Extension/4-H ..... (805) 568-3330
Farm Bureau, Buellton ..... (805) 688-7479

SANTA CLARA
Agricultural Commissioner, San Jose ..... (408) 299-2172
UC Cooperative Extension/4-H ..... (408) 299-2635
Farm Bureau, Morgan Hill ..... (408) 776-1684

SANTA CRUZ
Agricultural Commissioner, Watsonville ..... (831) 763-8080
UC Cooperative Extension/4-H ..... (831) 763-8040
Farm Bureau, Watsonville ..... (831) 724-1356

SHASTA
Agricultural Commissioner, Redding ..... (530) 224-4949
UC Cooperative Extension/4-H ..... (530) 224-4900
Farm Bureau, Redding ..... (530) 223-2358

SIERRA
Agricultural Commissioner, Quincy ..... (530) 283-6365
4-H ..... (800) 298-6334
UC Cooperative Extension/4-H ..... (530) 283-6270
Farm Bureau, Loyalton ..... (530) 993-4550

SISKIYOU
Agricultural Commissioner, Yreka ..... (530) 841-4025
UC Cooperative Extension/4-H ..... (530) 842-2711
Farm Bureau, Yreka ..... (530) 842-2364

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SOLANO

Agricultural Commissioner,
Fairfield ..... (707) 421-7465
UC Cooperative Extension/4-H ..... (707) 421-6790
Farm Bureau, Fairfield ..... (707) 425-8044

SONOMA

Agricultural Commissioner,
Santa Rosa ..... (707) 565-2371
4-H ..... (707) 565-2681
UC Cooperative Extension/4-H ..... (707) 565-2621
Farm Bureau, Santa Rosa ..... (707) 544-5575

STANISLAUS

Agricultural Commissioner,
Modesto ..... (209) 525-4730
UC Cooperative Extension/4-H ..... (209) 525-6800
Farm Bureau, Modesto ..... (209) 522-7278

SUTTER

Agricultural Commissioner,
Marysville ..... (530) 741-6484
UC Cooperative Extension/4-H ..... (530) 822-7515
Farm Bureau, Yuba City ..... (530) 673-6550

TEHAMA

Agricultural Commissioner,
Red Bluff ..... (530) 527-4504
UC Cooperative Extension/4-H ..... (530) 527-3101
Farm Bureau, Red Bluff ..... (530) 527-7882

TRINITY

Agricultural Commissioner,
Weaverville ..... (530) 623-1356
UC Cooperative Extension/4-H ..... (530) 628-5495
Farm Bureau, Zenia ..... (707) 923-9695

TULARE

Agricultural Commissioner,
Visalia ..... (559) 685-3323
UC Cooperative Extension/4-H ..... (559) 685-3303
Farm Bureau, Visalia ..... (559) 732-8301

TUOLUMNE

Agricultural Commissioner,
Sonora ..... (209) 533-5691
UC Cooperative Extension/4-H ..... (209) 533-5695
Farm Bureau, Jamestown ..... (209) 532-0300

VENTURA

Agricultural Commissioner,
Santa Paula ..... (805) 933-3165
UC Cooperative Extension/4-H ..... (805) 645-1451
Farm Bureau, Ventura ..... (805) 289-0155

YOLO

Agricultural Commissioner,
Woodland ..... (530) 666-8140
UC Cooperative Extension/4-H ..... (530) 666-8143
Farm Bureau, Woodland ..... (530) 662-6316

YUBA

Agricultural Commissioner,
Marysville ..... (530) 741-6484
UC Cooperative Extension/4-H ..... (530) 822-7515
Farm Bureau, Yuba City ..... (530) 673-6550

Compiled by California Farm Bureau Federation Communications/News Division.

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#1 Commodities by County

Alameda - Nursery Products
Alpine - Timber
Amador - Wineglapes
Butte - Rice
Calaveras - Timber
Colusa - Rice
Contra Costa - Bedding Plants
Del Norte - Timber
El Dorado - Timber
Fresno - Grapes
Glenn - Rice
Humboldt - Timber
Imperial - Cattle
Inyo - Cattle & Calves
Kern - Grapes
Kings - Milk
Lake - Winegrapes
Lassen - Hay
Los Angeles - Ornamental Trees & Shrubs
Madera - Grapes
Marin - Milk
Mariposa - Cattle & Calves
Mendocino - Timber
Merced - Milk
Modoc - Alfalfa
Mono - Cattle & Calves
Monterey - Head Lettuce
Napa - Winegrapes
Nevada - Timber
Orange - Nursery Stock & Cut Flowers
Placer - Rice
Plumas - Timber
Riverside - Milk
Sacramento - Winegrapes
San Benito - Lettuce
San Bernardino - Milk
San Diego - Indoor Flowering and Foliage Plants
San Francisco - Vegetable Crops
San Joaquin - Grapes
San Luis Obispo - Winegrapes
San Mateo - Ornamental Nursery Stock
Santa Barbara - Broccoli
Santa Clara - Nursery Crops
Santa Cruz - Strawberries
Shasta - Timber
Sierra - Timber
Siskiyou - Timber
Solano - Nursery Stock
Sonoma - Winegrapes
Stanislaus - Milk
Sutter - Rice
Tehama - Timber
Trinity - Timber
Tulare - Milk
Tuolumne - Timber
Ventura - Lemons
Yolo - Tomatoes
Yuba - Rice

Ranking Based on Dollar Value of Commodity, 2000 Statistics Information obtained from County Agricultural Commissioner Reports and California Farm Bureau Communications/News Services.

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California Agriculture Quiz

1. Agriculture is one of California's leading industries.	True	False	
2. California is the nation's #1 agricultural state.	True	False	
3. California farmers and ranchers produce over 250 different crops and livestock commodities.	True	False	
4. The majority of farmland in California is owned by families.	True	False	
5. Almonds are California's #1 agriculture export commodity.	True	False	
6. The top 3 states in agricultural production are	1._____		
	2._____		
	3._____		
7. List 5 of the top 10 commodities produced in California.	1._____		
	2._____		
	3._____		
	4._____		
	5._____		
8. California leads the nation in the production of _____ crops and livestock commodities.	36	64	77
9. According to government statistics, there are over _____,000 farms and ranches in California.	35	87	190
10. The average size of a California farm is _____ acres.	248	318	630
11. The nationwide average farm is _____ acres.	434	770	935
12. Agriculture directly contributes over _____ billion dollars to California's economy.	12.4	17.8	27.2

Based on 2000 statistics from: United States Department of Agriculture and California Farm Bureau Federation, Communications/News Division.

California Agriculture Quiz

Answer Sheet

Facts & Info

1. **Agriculture is one of California's leading industries.** [True] False
   Cash farm receipts for 2000 totaled a record $27.2 billion.

2. **California is the nation's #1 agricultural state.** [True] False
   For more than 50 years, California has been the leading agriculture producing state in the nation, followed by Texas and Iowa. Of the top ten agriculture producing counties in the United States, eight are located in California. The eight counties in ranking order are Fresno (1), Kern (2), Tulare (3), Monterey (4), Merced (6), Stanislaus (7), San Joaquin (8), and Riverside (9). Weld, Colorado ranks fifth, and Yakima, Washington ranks tenth.

3. **California farmers and ranchers produce over 250 different crops and livestock commodities.** [True] False
   Because of diverse micro-climates and an excellent water transportation system, California farmers can produce over 250 different crops and livestock commodities.

4. **The majority of farmland in California is owned by families.** [True] False
   Less than 3% of California farmland is owned by non-family corporations. Many family farms have become incorporated to ensure the continuation of their operation into future generations.

5. **Almonds are California's #1 agriculture export commodity.** [True] False
   Almonds were California's #1 agriculture export in 2000. Leading export destinations include Canada and Japan.

6. **The top 3 states in agricultural production are**
   1. California $27.2 billion
   2. Texas $13.3 billion
   3. Iowa $10.8 billion

7. **List 5 of the top 10 commodities produced in California.** *(In ranking order)*

1. Milk & Cream	6. Tomatoes, all	1. _____
2. Grapes, all	7. Cotton, lint	2. _____
3. Nursery Products	8. Flowers & Foliage	3. _____
4. Lettuce, all	9. Strawberries	4. _____
5. Cattle & Calves	10. Hay, all	5. _____

8. **California leads the nation in the production of __77__ crops and livestock commodities.** 36 64 [77]
   California produces over 99% of the total U.S. output of several crops including almonds, artichokes, dates, figs, kiwifruit, olives, persimmons, pistachios, pomegranates, dried plums, raisins, and walnuts.

9. **According to government statistics, there are over __87__,000 farms and ranches in California.** 35 [87] 190
   The federal government defines a farm to be any unit of production with gross sales of $1,000 or more per year. In 2000 this qualified 87,500 farms to be counted in California.

10. **The average size of a California farm is __318__ acres.** 248 [318] 630
    The size of farms varies depending on the type of agriculture commodity produced. For example, vineyards or citrus groves average 45 acres while cattle ranches need larger acreage to graze their herds. More than 60% of the state's farms are less than 50 acres.

11. **The nationwide average farm is __434__ acres.** [434] 770 935

12. **Agriculture directly contributes over __27.2__ billion dollars to California's economy.** 12.4 17.8 [27.2]
    Agriculture generated $27.2 billion for our state's economy in 2000.

Based on 2000 statistics from: United States Department of Agriculture and California Farm Bureau Federation, Communications/News Division.

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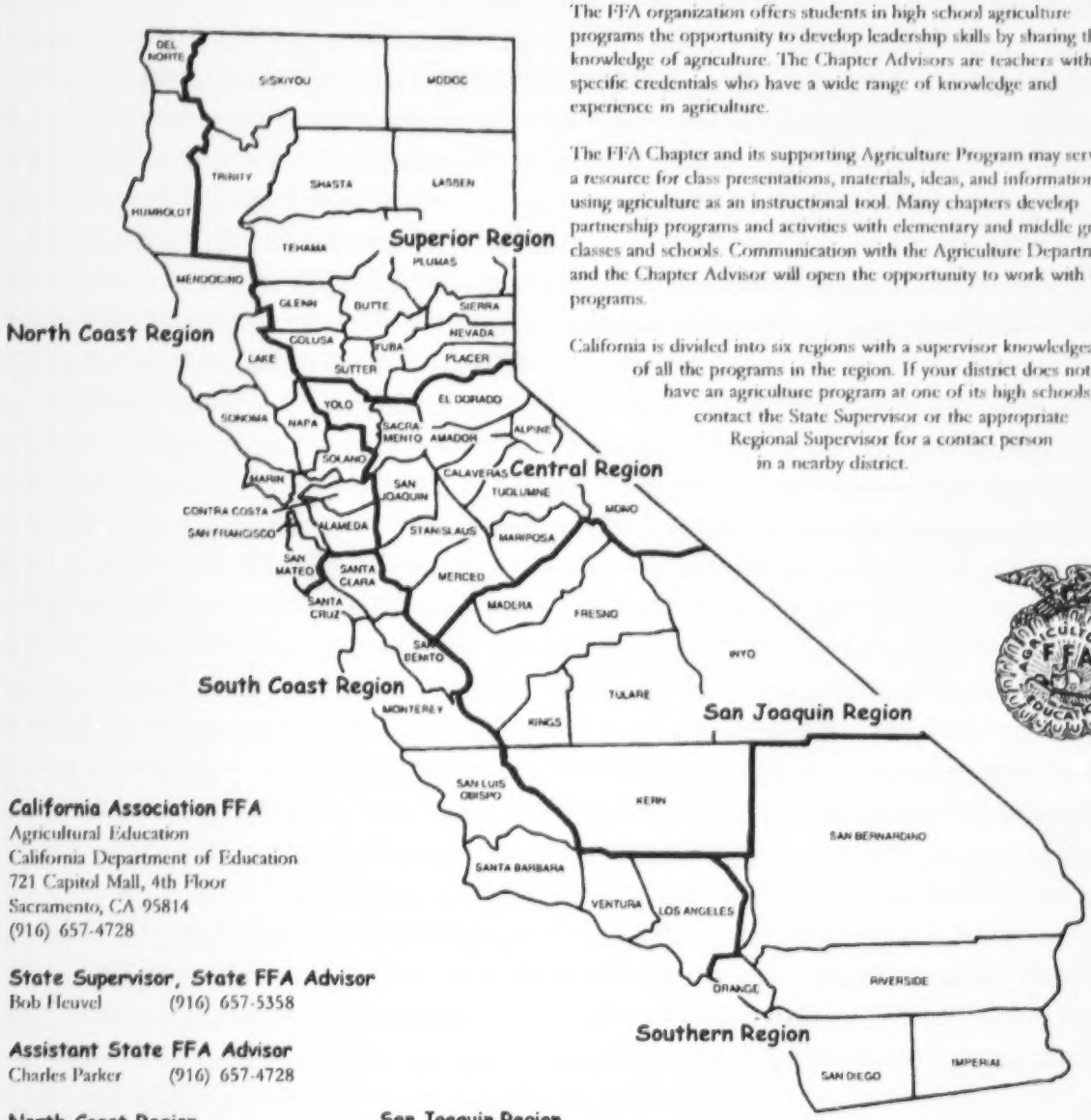
California Association Future Farmers of America

The FFA organization offers students in high school agriculture programs the opportunity to develop leadership skills by sharing their knowledge of agriculture. The Chapter Advisors are teachers with specific credentials who have a wide range of knowledge and experience in agriculture.

The FFA Chapter and its supporting Agriculture Program may serve as a resource for class presentations, materials, ideas, and information for using agriculture as an instructional tool. Many chapters develop partnership programs and activities with elementary and middle grade classes and schools. Communication with the Agriculture Department and the Chapter Advisor will open the opportunity to work with the programs.

California is divided into six regions with a supervisor knowledgeable of all the programs in the region. If your district does not have an agriculture program at one of its high schools, contact the State Supervisor or the appropriate Regional Supervisor for a contact person in a nearby district.



California Association FFA
Agricultural Education
California Department of Education
721 Capitol Mall, 4th Floor
Sacramento, CA 95814
(916) 657-4728

State Supervisor, State FFA Advisor
Bob Heuvel (916) 657-5358

Assistant State FFA Advisor
Charles Parker (916) 657-4728

North Coast Region
Lloyd McCabe (530) 657-5139

Central Region
Jean Landeen (916) 657-2988

Superior Region
Jeanette Sturzen (530) 342-7541

San Joaquin Region
Ken Harris (559) 278-5777

South Coast Region
Greg Beard (805) 756-2402

Southern Region
Jack Havens (909) 869-4496

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Agriculture Related Books

(An Annotated Book List)

Primary

Adoff, Arnold. **Eats**. Mulberry Books, 1992.
Poems pay tribute to the universal pleasures of consuming food.

Aliki. **Corn is Maize**. Harper & Row, 1976.
The story of how ancient Indian farmers discover a wild grass plant, use it in their lives and how they eventually share it with the new settlers of America.

Appelt, Kathi. **Watermelon Day**. Henry Holt and Company, 1996.
A young girl watches a watermelon's growth all summer waiting for it to ripen.

Azarian, Mary. **A Farmer's Alphabet**. David R. Godine, 1987.
A noteworthy picture book depicting an older, agrarian way of life.

Baldwin, Robert F. **This is the Sea that Feeds Us**. Dawn Publications, 1998.
This book links the fish dinner enjoyed by a thankful family with the entire marine food web. Beginning with tiny plankton, each verse introduces a new link to the marine food chain, then connects it to everything else.

Barner, Bob. **Bugs! Bugs! Bugs!** Chronicle Books, 1999.
The simple text and vibrant colors provide young readers a positive spin to the bugs they see around their garden and home.

Benét, Rosemary and Vincent, Stephen. **Johnny Appleseed**. McElderry Books, 2001.
This short poem about Johnny Appleseed transforms into a wonderful picture book with whimsical characters and artwork.

Brown, Craig. **Tractor**. Greenwillow, 1995.
In simple language, this book covers the use of a tractor from the working of the soil all the way to the delivery of produce to market.

Brown, Laura Krasny. **The Vegetable Show**. Little, Brown and Company, 1995.
Watch vegetables do a little vaudeville in their attempt to dance and sing their way onto the plates and into the hearts of kids.

Bunting, Eve. **Market Day**. HarperCollins Publishing, 1996.
Young children in Ireland observe farm animals and crops when they visit a country fair on market day.

Bunting, Eve. **Sunflower House**. Harcourt Brace Company, 1996.
A young boy creates a summer playhouse by planting sunflowers and saves the seeds to make another house the next year.

Charles, N.N. **What Am I? - Looking Through Shapes at Apples and Grapes**. Blue Sky Press, 1994.
Illustrations with cut-out shapes and rhyming questions introduce fruits, colors and shapes.

Coats, Laura Jane. **The Almond Orchard**. Macmillan Publishing, 1991.
The workings of an almond orchard over almost a 100-year time span shows changes in the seasons and in the technology of almond farming.

Primary (continued)

Cole, Henry. **Jack's Garden**. William Morrow & Company, 1995.
Shows what happens in Jack's garden after he plants seeds.

Cole, Joanna. **The Magic School Bus at the Waterworks**. Scholastic Inc., 1986.
A field trip in The Magic School Bus allows Ms. Frizzle's class to get a first-hand look at water processing.

Cooney, Barbara. **Miss Rumphius**. The Viking Press, 1982.
Great-aunt Rumphius was once a little girl who loved the sea, longed to visit faraway places, and wished to do something to make the world more beautiful. She planted lupines.

Cowley, Joy. **The Rusty, Trusty Tractor**. Boyds Mills, 1999.
Tractor salesman Mr. Hill tries to convince Micah's grandfather that his old tractor has seen better days.

Dannenmaier, Molly. **A Child's Garden: Enchanting Outdoor Spaces for Children and Parents**.
Simon and Schuster Editions, 1998.
Photographs of children and gardens. Informational text provides plans and ideas for creating outdoor gardens of all kinds for children to enjoy.

Darian, Shea. **Grandpa's Garden**. Dawn Publications, 1996.
On Saturdays, Grandpa and grandchild work side by side in the garden. Among the radishes and rhubarb they share their deepest feelings and wishes. First hand they learn of life and death, growth and change.

Demi. **One Grain of Rice**. Scholastic Inc., 1997.
This mathematical folktale illustrates the concept of doubling using rice as the example.

Donnos, Arthur. **Ant Cities**. HarperCollins Publishers, 1987.
This nonfiction book with colorful illustrations describes the activities that occur in an ant colony.

Ehlert, Lois. **Eating the Alphabet: Fruits and Vegetables from A to Z**. Harcourt Brace Jovanovich, 1989.
An alphabetical tour of the world of fruit and vegetables from apricot and artichoke to yam and zucchini.

Ehlert, Lois. **Planting a Rainbow**. Harcourt Brace Jovanovich, 1988.
A mother and child plant a rainbow of flowers in the family garden.

Ericsson, Jennifer A. **No Milk!** Mulberry Books, 1998.
When a city boy can't coax milk out of a dairy cow, he resorts to desperate measures like kissing her nose, doing magic tricks and even bribery. They finally come to a dramatic compromise.

Evangelista, Gloria. **In Search of the Perfect Pumpkin**. Fulcrum Publishing, 2001.
Share the adventures of the Pucci family as they search for the perfect pumpkin—only to find it in their backyard.

Ford, Miela. **My Day in the Garden**. Greenwillow Books, 1999.
In this whimsical picture book, one little girl makes friends with various critters she finds in her garden.

Fowler, Allan. **It Could Still Be a Worm**. Children's Press, Inc., 1996.
Informational text about worms includes colorful photographs and large print-size for the young reader.

French, Vivian. **Oliver's Vegetables**. Orchard Books, 1995.
In grandfather's garden, a young boy learns about eating vegetables.

Primary (continued)

Gardella. Tricia. **Blackberry Booties**. Orchard Books, 2000.
Mikki Jo wants to give her new baby cousin the perfect gift but doesn't know how to make anything. What she does know is how to pick blackberries. But babies don't eat blackberries, so Mikki figures out how to make the perfect gift.

Gardella, Tricia. **Just Like My Dad**. Harper Collins, 1993.
The adventures of a young child who spends a day on a cattle ranch as a cowhand, just like Dad.

Geisert, Bonnie and Arthur Geisert. **Prairie Town**. Houghton Mifflin Company, 1998.
Enter a prairie town and explore the social and economic life of this community from the aspects of farmers and townspeople.

Gershator, David and Phillis Gershator. **Bread is for Eating**. Henry Holt, 1995.
Mamita explains how bread is produced from seed to flour in a poem/song in English and Spanish.

Gibbons, Gail. **Apples**. Scholastic Inc., 2000.
Learn about apple production in this colorful, simple-to-read book.

Gibbons, Gail. **Country Fair**. Little, Brown & Company, 1994.
A visit to a country fair in autumn features livestock, farm products, and quilts.

Gibbons, Gail. **Farming**. Holiday House, 1988.
An introduction to farming and the work done on a farm throughout the seasons.

Gibbons, Gail. **Pigs**. Holiday Press, 1999.
This book outlines the characteristics, habits, and uses of pigs.

Gibbons, Gail. **The Milk Makers**. Macmillan Publishing Company, 1987.
Text and pictures explain how cows produce milk and how it is processed before being delivered to stores.

Gibbons, Gail. **The Pumpkin Book**. Scholastic Inc., 1999.
The life cycle of the pumpkin is clearly depicted in this picture book. How pumpkins are used at Thanksgiving and Halloween is also discussed.

Gibbons, Gail. **The Seasons of Arnold's Apple Tree**. Harcourt Brace Jovanovich, 1984.
Drawings and text show a young boy's apple tree as it grows and changes throughout the year.

Glaser, Linda. **Compost!** Millbrook Press, 1996.
Explains what composting is, what it does, and how to go about using it.

Glaser, Linda. **Wonderful Worms**. Milbrook Press, 1992.
Describes the physical characteristics, behavior, and life cycle of the common earthworm.

Guthrie, Woody. **This Land is Your Land**. Little, Brown and Company, 1998.
This classic folk song is brought to life in this illustrated edition and invites readers to journey across the country to view America's diverse land and people.

Harrison, David L. **Farmer's Garden, Rhymes for Two Voices**. Boyds Mills Press, 2000.
Farmer's dog is a curious dog. He wanders through Farmer's garden greeting each creature, fruit, and vegetable he meets with a question.

Primary (continued)

Hart, Avery and Mantell Hart. **Kids Garden**. Williamson Publishing Co., 1995.
Using black and white illustrations, this book provides over 100 activities children and their families or classmates can do to learn more about plants. Ideas on growing your own broom, making homemade potato chips, and planting a butterfly café or a salad garden are just a few of the stimulating "how-to" ideas presented in a student-friendly garden activity book.

Hauck, Phillip E. **Plum Full of Prunes**. Dab Publishing Company, 1999.
Watch a plum tree progress from a seed to a tree, and finally into a prune plum.

Hausherr, Rosemarie. **What Food is This?** Scholastic, 1994.
Fish, sausage, carrots and many more foods are detailed in this tale of food origins. Fun trivia for the entire family.

Hepworth, Cathi. **Antics!** The Putnam & Grosset Group, 1992.
This colorful, alphabetical anthology describes twenty six words, each beginning with a different letter of the alphabet and contains the word "ant."

Herd, Meg. **Learn and Play in the Garden: Games, Crafts, and Activities for Children**. Barron's Educational Series, Inc., 1995.
Hands-on activities for parents, children, and teachers to do together.

Hickman, Pamela and Heather Collins. **A Seed Grows**. Kids Can Press Ltd., 1997.
This book with fold-out pages describes a watermelon plant's life cycle from seed to harvest.

Jackson, Woody. **Counting Cows**. Harcourt Brace & Co., 1995.
A whimsical counting book features cows and cow terminology.

Jaspersohn, William. **Cranberries**. Houghton Mifflin Company, 1991.
Text and color photos show the raising and harvesting of a cranberry bog.

Johnson, Sylvia A. **Inside an Egg**. Lerner Publications Company, 1982.
This book, full of colorful photographs, clearly illustrates and explains the development of a chicken egg from the time it is formed in the body of a hen until the moment that the chick begins to peck its way out of the shell.

Kalman, Bobbie. **Hooray for Orchards**. Crabtree Publishing Company, 1998.
Through photographs and technical text, this book describes the workings of orchards, the care they need, and the products they produce.

Kalman, Bobbie. **Hooray for Sheep Farming**. Crabtree Publishing Company, 1998.
Introduces the raising of sheep for wool; covers aspects like shearing, lambs, sheep dogs, wool processing, farm maintenance, and the proper care of sheep.

Kalman, Bobbie and Janine Schaub. **Squirmy Wormy Composters**. Crabtree Publishing Company, 1992.
Through colorful photographs, this book provides the young reader with the whys and hows of vermicomposting.

Kellogg, Steven. **Johnny Appleseed - A Tall Tale Retold**. Morrow Junior Books, 1988.
Prose and pictures tell the story of an American hero.

King, Elizabeth. **Backyard Sunflower**. Dutton Children's Books, 1993.
Text and color photos follow the life cycle of sunflowers from seed to products.

Kroll, Steven. **The Biggest Pumpkin Ever**. Holiday House, 1984.
A tale of two mice who raise and harvest a very large pumpkin.

Primary (continued)

Krudwig, Vickie Leigh. **Cucumber Soup**. Fulcrum Publishing, 1998.
This counting picture book full of whimsical insects introduces the students to many critters one would find in a garden.

Kuklin, Susan. **How My Family Lives in America**. Bradbury Press, 1992.
Tells the story of three children, each with a different immigrant parent. Discusses the foods they eat, the names of the different dishes and their eating customs. Includes a recipe from each culture: African, Puerto Rican, and Taiwanese.

Lavies, Bianca. **Compost Critters**. Dutton's Children's Press, 1993.
Photographs and informational text about the critters one may see in a compost bin or garden.

Leedy, Loreen. **The Edible Pyramid**. Holiday House, 1994.
Colorful and whimsical graphics complement the story of eating at the Edible Pyramid Restaurant where the specialty is a healthy diet.

Lesser, Carolyn. **What a Wonderful Day to be a Cow**. Alfred A. Knopf, 1995.
Every month of the year, the animals on the farm enjoy their way of life. Describes seasons of the year on a farm.

Lindbergh, Reeve. **Johnny Appleseed**. Little, Brown & Company, 1990.
Rhymed text and illustrations relate the life of John Chapman, whose distribution of apple seeds and trees across the Midwest made him a legend and left a legacy still enjoyed today.

Lindbergh, Reeve. **The Midnight Farm**. Dial Books for Young Readers, 1987.
Secrets of the dark are revealed in this poem describing a farm at midnight.

Books

MacDonald, Margaret Read. **Slop! A Welsh Folktale**. Fulcrum Publishing, 1997.
This Welsh folktale shows what a clever man and woman do with their leftover vegetable peelings and dishwater. Introduces the concept of composting.

MacLachlan, Patricia. **All the Places to Love**. HarperCollins, 1994.
A young boy describes the favorite places he shares with his family on his grandfather's farm and nearby countryside.

Marzzolo, Jean. **Sun Song**. HarperCollins, 1995.
Animals and plants respond to the changing light over the course of a single day.

McMillan, Bruce. **Eating Fractions**. Scholastic Press, 1991.
Food is cut into halves, thirds and fourths to illustrate how parts make a whole. Enjoy a photographic feast of fractions as two playful youngsters eat their way through.

McPhail, David. **Farm Morning**. Harcourt Brace Jovanovich, 1985.
A father and his young daughter share a special morning as they feed all the animals on the farm.

Minor, Wendell. **Grassroots-Poems by Carl Sandburg**. Browndeer Press, 1998.
Fourteen poems with Midwestern themes or settings provide timeless observations about the heart of America. Illustrations add to the profound evocation of the sights and sounds of the Midwest.

Moses, Will. **Johnny Appleseed: The Story of a Legend**. Philomel Books, 2001.
Colorful folk art accompanies what feels like a fireside tale, provide the facts and legend about John Chapman.

Neuschwander, Cindy. **88 Pounds of Tomatoes**. Scholastic Inc., 2001.
This whimsical mathematics story about a tomato seed encourages students to add, subtract, and multiply as the tomato plant produces more and more tomatoes.

Primary (continued)

Older, Jules. **Cow**. Charlesbridge, 1997.
A lighthearted, nonfiction book on cows, breeds and milk production.

Palacios, Argentina. **Peanut Butter, Apple Butter, Cinnamon Toast: Food Riddles for You to Guess**. Raintree Steck-Vaughn, 1992.
A book of food riddles for children.

Pallotta, Jerry and Bob Thomson. **The Victory Garden Alphabet**. Charlesbridge, 1992.
Colored illustrations and descriptions from asparagus to zucchetta.

Paulsen, Gary. **Harris and Me: A Summer Remembered**. Harcourt Brace, 1993.
An 11-year-old city boy is used to being pawned off on relatives. What he is not used to is the farm setting, the hard work, these cousins, and what the summer brings him this time around.

Paulsen, Gary. **The Tortilla Factory**. Harcourt Brace & Co., 1995.
Simple text and paintings tell the story of tortillas from corn seed to plant and then to factory and store.

Perkins, Lynne Rae. **Home Lovely**. Greenwillow Books, 1995.
A lonely young girl living in an isolated trailer makes new friends and gains knowledge by growing flowers and melons. Along the way, she beautifies her home.

Peterson, Cris. **Century Farm: One Hundred Years on a Family Farm**. Boyds Mills Press, 1999.
Family anecdotes and family photos share the story of a 100-year farm as it grew from the 1890s into a thriving dairy.

Peterson, Cris. **Extra Cheese, Please!** Boyds Mills Press, 1994.
Text and color photos show milk's journey from cow to cheese to pizza.

Peterson, Cris. **Harvest Year**. Boyds Mills Press, 1996.
Full color photos and clear, concise text take readers month-by-month through a sampling of the wide diversity and volume of crops grown throughout the United States.

Pinczes, Elinor. **One Hundred Hungry Ants**. Houghton Mifflin Company, 1993.
One hundred hungry ants in rows of various sizes march to sample the delights of a picnic.

Provensen, Alice and Martin Provensen. **Town and Country**. Crown Publishers, 1985.
Describes life in a big city and on a farm near a village.

Ray, Mary Lyn. **Pumpkins**. Harcourt Brace & Co., 1992.
A man harvests and sells a bountiful crop of pumpkins so that he will be able to preserve a field from developers.

Rendon, Marcie R. and Cheryl Walsh Bellville. **Farmer's Market**. Carolrhoda Books, Inc., 2001.
Full of colorful photographs, this book describes the efforts of many families who work hard to produce food that is sold at farmer's markets.

Robbins, Ken. **Make Mine a Peanut Butter Sandwich and a Glass of Milk**. Scholastic, 1992.
Text and photos show how each part of a peanut butter sandwich and milk for lunch is made, from field to store to table.

Scott, Ann Herbert. **A Brand Is Forever**. Clarion Books, 1993.
Filled with authentic details of life on a Western cattle ranch, Annie learns about branding as her own calf Doodle is branded.

Primary (continued)

Scott, Ann Herbert. **Casey's New Hat**. Clarion Books, 1997.
Casey accompanies Dad on a day of buying supplies and doing ranch chores in search for a perfect hat.

Shannon, George. **Climbing Kansas Mountains**. Bradbury Press, 1993.
A young boy and father share the beauty of a Kansas farm and landscape.

Simon, Seymour. **Autumn Across America**. Hyperion, 1993.
Text and color photos describe the signs of autumn around the United States including the harvesting of crops, leaves changing colors, bird and insect migration, and changes in climate.

Sloat, Teri. **Patty's Pumpkin Patch**. G. P. Putnam Sons, 1999.
Patty's pumpkin patch is busy all year from plowing to planting to weeding to picking. This book shows in alphabetical fashion the creepy-crawly and feathered friends that live there.

Small, David. **George Washington's Cows**. Farrar Straus Giroux, 1994.
Humorous rhymes about George Washington's farm, where the cows wear dresses, the pigs wear wigs, and the sheep are scholars.

Splear, Elsie Lee. **Growing Seasons**. G.P. Putnam Sons, 2000.
This true story of Elsie Lee Splear's childhood spent on Illinois tenant farms in the early part of the 20th century provides a historical view of farm life during that time period.

Steele, Mary Q. **Anna's Garden Songs**. Celebration Press, 1996.
The whimsical songs can be sung while working in the garden or classroom to teach children some facts about common garden produce.

Stevens, Janet. **Tops and Bottoms**. Harcourt Brace and Co., 1995.
Folktale involves a hare and a bear as they plant and harvest vegetables.

Stewart, Sarah. **The Gardener**. Farrar Straus Giroux, 1997.
A series of letters tells a girl who, when forced to leave the country, takes her love of gardening with her.

Tang, Greg. **The Grapes of Math**. Scholastic Press, 2001.
Use a few problem-solving techniques to solve the math puzzles in this book. Many have themes of fruits, vegetables, and insects.

Titherington, Jeanne. **Pumpkin Pumpkin**. Mulberry Books, 1986.
A young boy plants a pumpkin seed and after watching it grow, carves it and saves some seeds to plant in the spring.

Tryon, Leslie. **Albert's Field Trip**. Atheneum Books for Young Readers, 1993.
Albert leads a class from Pleasant Valley School on a field trip to Georgie and Gracie's Apple Farm. There are songs on the bus, and a visit to a barn and the orchard, where the children pick their own apples and squeeze them into juice.

Tudor, Tasha. **Corgiville Fair**. Harper Trophy, 1991.
Chronicles the events of the Corgiville Fair, especially the actions of Edgar Tom Cat in his attempt to win the goat race.

Watson, Clyde. **Applebet an ABC**. Farrar Straus Giroux, 1987.
Short verses introduce scenes from a fair in which letters of the alphabet figure prominently.

Watts, Barrie. **Tomato**. Silver Burdett Press, 1989.
Describes in simple text and illustrations how a tomato develops from a blossom in the spring to a ripe fruit in the summer.

Primary (continued)

Wolfman, Judy. **Life on a Goat Farm**. Carolrhoda Books, Inc., 2002.
Describes the practices that occur on a goat farm and includes information on breeds, care, milking, and more.

Ziefert, Harriet. **A New Coat for Anna**. Knopf, 1986.
Anna visits the sheep that provide the wool and all the people involved in making her winter coat.

Intermediate

Ada, Alma Flor. **Gathering the Sun**. Lothrop, Lee and Shepard Books, 1997.
A book of poems in English and Spanish about migrant farm laborers working the fields; one poem for each letter of the Spanish alphabet.

Anderson, Joan. **Cowboys: Roundup on an American Ranch**. Scholastic, Inc., 1996.
This photo-essay shows how two brothers help their parents and hired hands with an annual roundup on a New Mexico ranch. Authentic photographs included.

Atwell, Debby. **Barn**. Houghton Mifflin Company, 1996.
Using text and paintings, the life of a country barn is followed from the late eighteenth-century to the present day.

Badt, Karin Luisa. **Good Morning, Let's Eat**. Childrens Press, 1994.
Color photos and text show breakfast food habits around the world.

Baldwin, Robert F. **This is the Sea that Feeds Us**. Dawn Publications, 1998.
This book links the fish dinner enjoyed by a thankful family with the entire marine food web. Beginning with tiny plankton, each verse introduces a new link to the marine food chain, then connects it to everything else.

Bates, Katharine Lee. **America the Beautiful**. Atheneum, 1993.
An illustrated edition of the nineteenth-century poem, later set to music, celebrates the beauty of America.

Bial, Raymond. **Portrait of a Farm Family**. Houghton Mifflin Company, 1995.
Through words and pictures, the daily life of a farm family describes the chores, challenges, and joys of living on a farm.

Bjork, Christina and Lena Anderson. **Linnea's Windowsill Garden**. R & S Books, 1988.
The story of a young girl who successfully raises plants indoors; includes how-to directions for the reader.

Bolton, Janet. **My Grandmother's Patchwork Quilt**. Delacorte Press, 1994.
A young girl uses a patchwork quilt to retell the story of her grandmother and her account of daily life on the farm.

Bourgeois, Paulette. **The Amazing Apple Book**. Addison-Wesley Publishing Company, Inc., 1990.
Information on apples including their cultivation, crafts, and recipes.

Bourgeois, Paulette. **The Amazing Dirt Book**. Addison-Wesley Publishing Company, Inc., 1993.
Information on soil and the animals that live in it with projects ranging from crafts to gardening and cooking.

Bourgeois, Paulette. **The Amazing Potato Book**. Addison-Wesley Publishing Company, Inc., 1991.
History, cultivation, crafts and recipes using potatoes.

Burns, Diane L. **Cranberries: Fruit of the Bogs**. Carolrhoda Books, Inc., 1994.
A brief history of the "bog ruby" reveals the berry's versatility and importance to the Native Americans and pilgrims as well as shows the activities that take place throughout the growing season on a cranberry farm.

Intermediate (continued)

Caduto, Michael J. and Joseph Bruchac. **Native American Gardening: Stories, Projects and Recipes for Families**. Fulcrum Publishing, 1996.
Stories, projects, and recipes that relate to Native Americans from North America. Each story relates to one aspect of gardening such as soil preparation or harvest.

Corwin, Judith Hoffman. **Harvest Festivals Around the World**. Silver Burdett Press, 1995.
A history of many crop-related festivals including craft activities and recipes.

Dannenmaier, Molly. **A Child's Garden: Enchanting Outdoor Spaces for Children and Parents**. Simon and Schuster Editions, 1998.
Photographs of children and gardens. Informational text provides plans and ideas for creating outdoor gardens of all kinds for children to enjoy.

Darian, Shea. **Grandpa's Garden**. Dawn Publications, 1996.
On Saturdays, Grandpa and grandchild work side by side in the garden. Among the radishes and rhubarb they share their deepest feelings and wishes. They learn first hand of life and death, growth and change.

Demi, **One Grain of Rice**. Scholastic Inc., 1997.
This mathematical folktale illustrates the concept of doubling, using rice as an example.

Dooley, Norah. **Everybody Bakes Bread**. Carolrhoda Books, 1996.
A story that introduces children to many different kinds of breads and the recipes to make them.

Dooley, Norah. **Everybody Cooks Rice**. Carolrhoda Books, 1991.
A girl's adventure at dinnertime introduces her to a variety of cultures and the ways that rice is used in the evening meal.

Dragonwagon, Crescent. **Home Place**. Macmillan Publishing Company, 1990.
While out hiking, a family comes upon the site of an old house and finds some clues about the people who once lived there.

Dunrea, Oliver. **The Painter Who Loved Chickens**. Farrar Straus Giroux, 1995.
Paintings and text tell the story of a painter who dreams of owning a farm and who eventually sells his chicken paintings to purchase it. Realistic paintings of different breeds of chickens.

Erlback, Arlene. **Peanut Butter**. Lerner Publishing, 1994.
Describes how peanut butter is made, from the cultivation of peanuts through filling the jars with the nutty spread. Includes simple, no-bake recipes.

Faber, Doris. **The Amish**. Doubleday, 1991.
Discusses the history, culture, daily lifestyle and future of the Amish people.

Fox, Mary V. **The Story of Women Who Shaped the West**. Children's Press, 1994.
Presents examples of women who helped to shape the Western frontier including the schoolteacher, justice of the peace, and homesteader.

Gates, Doris. **Blue Willow**. Econo-Clad Books, 1999.
Janey travels with her father and stepmother to wherever her father can find seasonal work. She dreams of a home like the one on her Blue Willow plate which belonged to her deceased mother.

Greenwood, Barbara. **A Pioneer Sampler**. Houghton Mifflin, 1994.
Looks into a year in the life of the Robertsons, a pioneer family on a backwoods farm in 1840. Includes activities for students.

Intermediate (continued)

Griffen, Margaret and Deborah Seed. **The Amazing Egg Book**. Addison Wesley, 1989.
Information on eggs, animals who lay eggs, egg crafts and recipes.

Harbison, Elizabeth M. **Loaves of Fun**. Chicago Review Press, 1997.
More than 50 recipes and activities take children on a multicultural journey throughout the ages and across the world to discover the history and uses of bread.

Hardesty, Constance. **Grow Your Own Pizza: Gardening Plans and Recipes for Kids**.
Fulcrum Publishing, 2000.
For gardeners and food connoisseurs of all ages, this fun yet practical resource takes you step-by-step from dirt to the dinner table. Organized by easy, medium, and advanced level garden plots.

Hart, Avery and Mantell Hart. **Kids Garden**. Williamson Publishing Co., 1995.
Using black and white illustrations, this book provides over 100 activities children and their families or classmates can do to learn more about plants. Ideas on growing your own broom, making homemade potato chips, and planting a butterfly café or a salad garden are just a few of the stimulating "how-to" ideas presented in a student-friendly garden activity book.

Hauck, Phillip E. **Plum Full of Prunes**. Dab Publishing Company, 1999.
Watch a plum tree progress from a seed to a tree, and finally into a prune plum.

Hausherr, Rosemarie. **What Food is This?** Scholastic, 1994.
Fish, sausage, carrots and many more foods are detailed in this tale of food origins. Fun trivia for the entire family.

Hautzig, David. **At the Supermarket**. Orchard Books, 1994.
A photo essay shows 24 hours of activity in a supermarket, including where the food comes from and who helps produce the food.

Heller, Ruth. **The Reason for a Flower**. Grosset & Dunlap, 1983.
Brief text and lavish illustrations explain plant reproduction and the purpose of a flower using unique flowering plants as examples.

Hepworth, Cathi. **Antics!** The Putnam & Grosset Group, 1992.
This colorful, alphabetical anthology describes one word for each letter of the alphabet that contains the word "ant."

Hiscock, Bruce. **The Big Tree**. Aladdin Books, 1991.
Follows the development of a large old maple tree from its growth as a seed during the American Revolution to its maturity in the late 20th century.

Hogan, Paula Z. **The Honeybee**. Raintree Streck-Vaughn, 1991.
Describes, in simple terms, the life cycle of the honeybee.

Iverson, Diane. **My Favorite Tree**. Dawn Publications, 1999.
Read about the many trees of North America and learn their significant role in our history, traditions, ecology, and economy.

Johnson, Sylvia A. **A Beekeeper's Year**. Little Brown & Co., 1994.
Full color photos and text follow a beekeeper through the four seasons, showing how bees and humans work together to make honey.

Johnson, Sylvia A. **Inside an Egg**. Lerner Publications Company, 1982.
This book, full of colorful photographs, clearly illustrates and explains the development of a chicken egg from the time it is formed in the body of a hen until the moment that the chick begins to peck its way out of the shell.

Intermediate (continued)

Julivert, Angels. **The Fascinating World of Ants**. Barron's, 1991.
Many facts about ants are presented in a way to give young readers some understanding of nature's role for these dynamic insects.

Kalman, Bobbie. **Hooray for Dairy Farming**. Crabtree Publishing Company, 1998.
Learn about the many aspects of the dairy industry through color photographs and simple text.

Kalman, Bobbie. **Life on the Ranch**. Crabtree Publishing Company, 1999.
Provides historical information on ranchers of the Old West. Colorful pictures and photographs illustrate the complexity of this way of life.

Keeler, Patricia A. and Francis X. McCall, Jr. **Unraveling Fibers**. Atheneum, 1995.
Text and photos show the raising and processing of natural fibers from plants and animals.

King, Elizabeth L. **Chile Fever**. Dutton Children's Books, 1995.
Color photos and text show the growth cycle, history and importance of chile peppers to cultures of the world.

Kite, Patricia L. **Garden Wizardry for Kids**. Barron's Educational Services, 1995.
History and folklore associated with common fruits and vegetables and the methods for raising, eating, and crafting with them.

Kneidel, Sally. **Slugs, Bugs and Salamanders: Discovering Bugs in Your Garden**. Fulcrum Publishing, 2000.
Emphasizes the role of insects and other animals in the garden.

Koch, Maryjo. **Seed Leaf Flower Fruit**. HarperCollins Publishers, 1999.
Wisdom and wit blend with loving, precise brush strokes to create this beautiful botanical book which springs a global garden to life.

Lavies, Bianca. **Compost Critters**. Dutton's Children's Press, 1993.
Photographs and informational text about the critters one may see in a compost bin or garden.

Lovejoy, Sharon. **Sunflower Houses**. Interweave Press, Inc., 1991.
Garden discoveries, tips for growing plants, folklore, and crafts for children of all ages.

Martin, Jacqueline Briggs. **The Green Truck Garden Giveaway**. Simon and Schuster Books for Young Readers, 1997.
A community of gardeners is created by two people passing out seeds, gardening supplies, and information on farming, gardens, and crops.

Mathers, Petra. **Kisses from Rosa**. Alfred A. Knopf, 1995.
While her mother is treated for a serious illness, Rosa stays with her aunt and cousin on a farm in the Black Forest of Germany.

McMillan, Bruce. **Eating Fractions**. Scholastic Press, 1991.
Food is cut into halves, thirds and fourths to illustrate how parts make a whole. Enjoy a photographic feast of fractions as two playful youngsters eat their way through.

Meltzer, Milton. **The Amazing Potato**. HarperCollins, 1992.
A history of the potato from the Incas to Marie Antoinette, Thomas Jefferson, and the French fry.

Micucci, Charles. **The Life and Times of the Honeybee**. Ticknor and Fields Books for Young Readers, 1995.
Depicts the life cycle and habits of the honeybee, describing the organization of the hive and the making of honey.

Intermediate (continued)

Minor, Wendell. **Grassroots-Poems by Carl Sandburg**. Browndeer Press, 1998.
Fourteen poems with Midwestern themes or settings provide timeless observations about the heart of America. Illustrations add to the profound evocation of the sights and sounds of the Midwest.

Müller, Jörg. **The Changing Countryside**. Atheneum, 1977.
Seven fold-out pictures graphically show changes in a countryside setting over a 20-year period.

Overbeck, Cynthia. **How Seeds Travel**. Lerner Publications Company, 1982.
This book presents a look at seeds on the move. Colorful photographs traced the journeys made by seeds from such varied plants as the maple tree, the dandelion, pussy willow, and coconut palm. The role of seeds and fruit in plant reproduction is also explained.

Palacios, Argentina. **Peanut Butter, Apple Butter, Cinnamon Toast: Food Riddles for You to Guess**. Raintree Steck-Vaughn, 1992.
A book of food riddles for children.

Pallotta, Jerry. **The Spice Alphabet Book**. Charlesbridge, 1994.
Information on the history, sources and uses of herbs, spices and other natural flavors.

Perkins, Lynne Rae. **Home Lovely**. Greenwillow Books, 1995.
A lonely young girl living in an isolated trailer makes new friends and gains knowledge by growing flowers and melons. Along the way, she beautifies her home.

Peterson, Cris. **Century Farm: One Hundred Years on a Family Farm**. Boyds Mills Press, 1999.
Family anecdotes and family photos share the story of a 100-year farm as it grew from the 1890s into a thriving dairy.

Peterson, Cris. **Harvest Year**. Boyds Mills Press, 1996.
A photographic essay about foods that are harvested year-round in the United States.

Polacco, Patricia. **The Keeping Quilt**. Simon and Schuster, 1988.
A homemade quilt ties together the lives of four generations of an immigrant Jewish family and remains a symbol of their love and faith.

Prillwitz, Marsha. **Growing Vegetables California Style**. Poppy Press, 1988.
Basic reference and informational guide to planting vegetables.

Provensen, Alice and Martin Provensen. **This Year at Maple Hill Farm**. First Aladdin Books, 1988.
Describes the seasonal changes on a farm and surrounding countryside throughout the year.

Raftery, Kevin and Kim Gilbert Raftery. **Kid's Gardening: A Kid's Guide to Messing Around in the Dirt**. Klutz Press, 1989.
Indoor and outdoor growing activities for young gardeners.

Rendon, Marcie R. and Cheryl Walsh Bellville. **Farmer's Market**. Carolrhoda Books, Inc., 2001.
Full of colorful photographs, this book describes the efforts of many families who work hard to produce food that is sold at farmer's markets.

Rodenas, Paula. **The Random House Book of Horses and Horsemanship**. Random House, 1991.
This nonfiction book describes in great detail horse history, anatomy, behavior, breeds, care, and training.

Rushing, Felder. **New Junior Garden Book**. Meredith Books, 1999.
This colorful and student-friendly book provides hundreds of projects for kids to grow and make. Projects are ranked from simple to more advanced.

Intermediate (continued)

Schotter, Roni. **A Fruit & Vegetable Man**. Little, Brown and Co., 1993.
A multi-cultural story of a small, urban fruit stand and the connection between farmer and consumer.

Shelby, Anne. **Homeplace**. Orchard Books, 1995.
Grandmother and grandchild trace the 200 year history of a family, its home and farm.

Sohi, Morteza. **Look What I Did With a Leaf!** Walker Publishing, 1993.
Provides examples of different kinds of animals that can be made out of leaves and suggests various uses for the finished product.

Stewart, Sarah. **The Gardener**. Farrar, Straus, Giroux, 1997.
A series of letters tells a girl who, when forced to leave the country, takes her love of gardening with her.

Tang, Greg. **The Grapes of Math**. Scholastic Press, 2001.
Use a few problem-solving techniques to solve the math puzzles in this book. Many have themes of fruits, vegetables, and insects.

Thorson, Kristine and Robert. **Stone Wall Secrets**. Tilbury House, 1998.
On an autumn day, a grandfather and grandson repair the wall on their Maine farm.

Tuft, Lynne. **The Grapes Grow Sweet**. Studio Eight River Press, 1996.
A captivating glimpse of growing up on a family vineyard in wine country.

Van Allsburg, Chris. **Two Bad Ants**. Houghton Mifflin Company, 1988.
A group of ants set out to please their queen by gathering all they can of a delicious crystal. But two ants become greedy and experience far more than they anticipated.

Waters, Kate. **Samuel Eaton's Day**. Scholastic, 1993.
Describes the busy life of children on the Plimoth Plantation in the 1600s in text and pictures.

Waters, Kate. **Sarah Morton's Day**. Scholastic, 1989.
Describes the busy life of children on the Plimoth Plantation in the 1600s in text and pictures.

Watts, Barrie. **Apple Tree**. Silver Burdett Press, 1987.
Describes, in simple text and illustrations, how an apple develops from a blossom in the spring to a ripe fruit in the autumn.

White, E.B. **Charlotte's Web**. HarperCollins, 1952.
Charlotte the spider, Wilbur the pig, and Fern a little girl, present a classic tale of life on a farm.

Wiesner, David. **June 29, 1999**. Clarion Books, a Houghton Mifflin Company, 1992.
While 3rd grade classmates are sprouting seeds in paper cups, Holly has a more innovative science project in mind.

Wilder, Laura Ingalls. **Little House on the Prairie**. HarperCollins, 1935.
One of her many books depicting life on the prairie and homesteading.

Wolfman, Judy. **Life on a Goat Farm**. Carolrhoda Books, Inc., 2002.
Describes the practices that occur on a goat farm and includes information on breeds, care, milking, and more.

Woods, Michael and Mary B. Woods. **Ancient Agriculture**. Runestone Press, 2000.
Explains in simple terms how the story of agriculture is also the story of civilization. Also describes how ancient cultures left a rich legacy of agricultural knowledge and technology.

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Middle School

Baron, Robert C. **The Garden and Farm Books of Thomas Jefferson**. Fulcrum Publishing, 2000.
Reproductions of Jefferson's garden and farm journals along with selected correspondence on gardening and farming from Jefferson to Washington, Adams, Madison, and others.

Bauer, Joan. **Squashed**. Puffin Books, 1992.
Ellie Morgan's life would be almost perfect if she could get her potentially prizewinning pumpkin to put on about two hundred more pounds before the Rock River Pumpkin Weigh-In.

Burns, Diane L. **Cranberries: Fruit of the Bogs**. Carolrhoda Books, Inc., 1994.
A brief history of the "bog ruby" reveals the berry's versatility and importance to the Native Americans and pilgrims as well as shows the activities that take place throughout the growing season on a cranberry farm.

Busenberg, Bonnie. **Vanilla, Chocolate & Strawberry**. Lerner Publications Co., 1994.
Describes the history, today's uses and chemistry of vanilla, chocolate and strawberry flavorings.

Caduto, Michael J. and Joseph Bruchac. **Native American Gardening: Stories, Projects and Recipes for Families**. Fulcrum Publishing, 1996.
Stories, projects, and recipes that relate to Native Americans from North America. Each story relates to one aspect of gardening such as soil preparation or harvest.

Davidson, Joe. **Fruit Crate Art**. Wellfleet Press, 1990.
Contains colored photographs of fruit and vegetable labels found on wood boxes and a history of the labels, art and advertising associated with them.

Denee, Joanne. **In the Three Sisters Garden**. Common Roots Press, Food Works Publisher, 1995.
The three sisters – corn, squash and bean – an ancient and contemporary agricultural tradition, are discussed through myths and folklore, craft activities, recipes and gardening procedures.

Druggleby, John. **Artist in Overalls: The Life of Grant Wood**. Chronicle Books, 1995.
The life story of Grant Wood, from his birthplace in Iowa to Paris and back to the land and people he knew best. Includes many of Wood's paintings.

Fine, Edith Hope. **Barbara McClintock: Nobel Geneticist**. Enslow Publishers, Inc., 1998.
Presents the life and career of the geneticist who spent many years studying the cells of maize and, in 1983, was awarded the Nobel Prize in physiology and medicine.

Fleischman, Paul. **Seedfolks**. HarperCollins Publishers, 1997.
One by one, a number of people of varying ages and background transform a trash-filled inner-city lot into a productive and beautiful garden. In doing so, the gardeners are themselves transformed.

Gates, Doris. **Blue Willow**. Econo-Clad Books, 1999.
Janey travels with her father and stepmother to wherever her father can find seasonal work. She dreams of a home like the one on her Blue Willow plate which belonged to her deceased mother.

Harbison, Elizabeth M. **Loaves of Fun**. Chicago Review Press, 1997.
More than 50 recipes and activities take children on a multicultural journey throughout the ages and across the world to discover the history and uses of bread.

Hardesty, Constance. **Grow Your Own Pizza: Gardening Plans and Recipes for Kids**.
Fulcrum Publishing, 2000.
For gardeners and food connoisseurs of all ages, this fun yet practical resource takes you step-by-step from dirt to the dinner table. Organized by easy, medium, and advanced level garden plots.

Middle School (continued)

Hawke, Sharryl Davis and James E. Davis. **Seeds of Change**. Addison-Wesley, 1992.
The story of cultural exchange between the Old and New World since 1492, emphasizing the horse, potato, corn, sugar and disease. Adapted from original Smithsonian edition of Seeds of Change.

Hesse, Karen. **Out of the Dust**. Scholastic Press, 1997.
In a series of poems, fifteen-year-old Billie Jo relates the hardships of living on her family's wheat farm in Oklahoma during the Dust Bowl years of the Depression.

Hughes, Meredith Sayles. **Cool as a Cucumber, Hot as a Pepper: Fruit Vegetables**. Lerner Publications Company, 1999.
Information with a bit of history about vegetables which are scientifically fruits is shown using colorful photographs and illustrations.

Hughes, Meredith Sayles. **Green Power: Leaf and Flower Vegetables**. Lerner Publications Company, 2001.
This book with colorful photographs and a unique format provides information, recipes and stories about leaf and flower vegetables such as cabbage, broccoli, artichokes, spinach, lettuce, and Belgian endive.

Hunter, Sally M. **Four Seasons of Corn: A Winnebago Tradition**. Lerner Publications, 1997.
A twelve year old learns how to grow and dry corn from his Winnebago grandfather.

Julivert, Angels. **The Fascinating World of Ants**. Barron's, 1991.
Many facts about ants are presented in a way to give young readers some understanding of nature's role for these dynamic insects.

Maze, Stephanie. **I Want to Be a Veterinarian**. Harcourt Brace & Co., 1997.
Photos and facts describe different kinds of vets, how veterinary science began and where it is headed. Also shows how to begin exploring the career.

Books

National Gardening Association. **Dictionary of Horticulture**. Viking, 1994.
A resource book from A to Z explains and defines gardening terms.

Prillwitz, Marsha. **Growing Vegetables California Style**. Poppy Press, 1988.
Basic reference and informational guide to planting vegetables.

Pukite, John. **A Field Guide to Cows**. Penguin Books, 1996.
Describes the 52 breeds of cattle in a format that assists in their identification.

Rodenas, Paula. **The Random House Book of Horses and Horsemanship**. Random House, 1991.
This nonfiction book describes in great detail horse history, anatomy, behavior, breeds, care, and training.

Rushing, Felder. **New Junior Garden Book**. Meredith Books, 1999.
This colorful and student-friendly book provides hundreds of projects for kids to grow and make. Projects are ranked from simple to more advanced.

Starcher, Allison M. **Good Bugs for Your Garden**. Alogonquin Books of Chapel Hill, 1998.
Pocket-sized hardcover book is full of illustrations of "good bugs." Each figure is surrounded by important facts including size, eating habits, and life cycles.

Woods, Michael and Mary B. Woods. **Ancient Agriculture**. Runestone Press, 2000.
Explains in simple terms how the story of agriculture is also the story of civilization. Also describes how ancient cultures left a rich legacy of agricultural knowledge and technology.

High School

Baron, Robert C. **The Garden and Farm Books of Thomas Jefferson**. Fulcrum Publishing, 2000.
Reproductions of Jefferson's garden and farm journals along with selected correspondence on gardening and farming from Jefferson to Washington, Adams, Madison, and others.

Bromfield, Louis. **Malabar Farm**. Wooster Books Co., 1999.
This non-fiction book, in journal form, describes the life as it was on Malabar farm.

Caduto, Michael J. and Joseph Bruchac. **Native American Gardening: Stories, Projects and Recipes for Families**. Fulcrum Publishing, 1996.
Stories, projects, and recipes that relate to Native Americans from North America. Each story relates to one aspect of gardening such as soil preparation or harvest.

Carle, David. **Drowning the Dream**. Praeger Publishers, 2000.
This book illustrates how imported water has transformed the Golden State's environment and quality of life. Using first-hand voices of Californians to reveal the resulting changes, Carle concludes that the new millennium may be the time to stop drowning the California Dream.

Cranshaw, Whitney. **Pests of the West**. Fulcrum Publishing, 1998.
A handbook with photographs that may aide today's home gardener or family farmer.

Fine, Edith Hope. **Barbara McClintock: Nobel Geneticist**. Enslow Publishers, Inc., 1998.
Presents the life and career of the geneticist who spent many years studying the cells of maize and, in 1983, was awarded the Nobel Prize in physiology and medicine.

Fisher, Ron. **Heartland of a Continent**. National Geographic Society, 1991.
More than 100 photos and text captures the sweep and space of the American grasslands, its places and people.

Fleischman, Paul. **Seedfolks**. HarperCollins Publishers, 1997.
One by one, a number of people of varying ages and background transform a trash-filled inner-city lot into a productive and beautiful garden. In doing so, the gardeners are themselves transformed.

Frost, Robert. **Versed in Country Things**. Bulfinch Press, 1996.
Twenty of Frost's poems are complemented with black and white images of New England stone walls, farmhouses, and snowy woods.

Fussell, Betty. **The Story of Corn**. Alfred A. Knopf, 1992.
The story of corn: the myths and history, the culture and agriculture, the art and science of this crop.

Gibson, Eric. **Sell What You Sow**. New World Publishing, 1994.
Reference book provides growers details on how to successfully market produce.

Hershey, David R. **Plant Biology Science Projects**. John Wiley & Sons, Inc., 1995.
A variety of science projects written in a format for young adults.

Hughes, Meredith Sayles. **Cool as a Cucumber, Hot as a Pepper: Fruit Vegetables**. Lerner Publications Company, 1999.
Information with a bit of history about vegetables which are scientifically fruits is shown using colorful photographs and illustrations.

Hughes, Meredith Sayles. **Green Power: Leaf and Flower Vegetables**. Lerner Publications Company, 2001.
This book, with colorful photographs and a unique format, provides information, recipes and stories about leaf and flower vegetables such as cabbage, broccoli, artichokes, spinach, lettuce, and Belgian endive.

High School (continued)

Johnson, Sylvia A. **Tomatoes, Potatoes, Corn and Beans**. Simon & Schuster, 1997.
Describes many foods native to the Americas – including corn, peppers, peanuts and chocolate – that were taken to Europe and used in new ways.

Jones, Idwal. **The Vineyard**. U.C. Press, 1999.
Set in the Napa Valley at the turn of the century, this novel evokes the characters' love of the land and the rhythms of life lived close to the earth and its seasons.

Koch, Maryjo. **Seed, Leaf, Flower, Fruit**. Collins, 1995.
Colored drawings and text show the history, cultivation and use of plants.

Lawrence, James M. **Sweet Maple: Life, Lore and Recipes from the Sugarbush**.
Chapters Pub Ltd., 1993.
Review of the history and current practices of maple syrup production.

London, Jack. **The Valley of the Moon**. U.C. Press, 1999.
Traces the lives of Billy and Saxon Roberts from the labor strife of Oakland at the turn of the century, through the Central and Northern California in search of land they can farm independently.

Luebbermann, Mimi. **Heirloom Gardens**. Chronicle Books, 1997.
Describes practical tips for growing antique varieties of fruits, vegetables, and flowers.

Masumoto, David Mas. **Epitaph for a Peach**. HarperCollins, 1995.
Four seasons in the life of a California peach and raisin farmer.

Masumoto, David Mas. **Harvest Sun**. WW Norton & Co., 1998.
In his second book based on his life as a California farmer/philosopher, Mas Masumoto creates a tribute to family, farm and community using prose described as having zen-like calm and clarity.

McClure, Susan. **Culinary Gardens From Design to Palate**. Fulcrum Publishing, 1997.
This book, filled with photographs, descriptions, and recipes, highlights various contemporary gardens as well as gardens from around the world.

McClurg, Sue. **Water and the Shaping of California**. Heyday Books, 2000.
This chronicle of California's waters follows the history of the precious resource from the Spanish settlement period, through the Gold Rush, to the ban of hydraulic mining. It also follows the rise of irrigated agriculture, various conservation movements and the current grassroots growth of today's watershed conservation movement. Highlights an extensive water photograph collection.

National Gardening Association. **Dictionary of Horticulture**. Viking, 1994.
A resource book from A to Z explains and defines gardening terms.

Prillwitz, Marsha. **Growing Vegetables California Style**. Poppy Press, 1988.
Basic reference and informational guide to planting vegetables.

Pukite, John. **A Field Guide to Cows**. Penguin Books, 1996.
Describes the 52 breeds of cattle in a format that assists in their identification.

Rodenas, Paula. **The Random House Book of Horses and Horsemanship**. Random House, 1991.
This nonfiction book describes in great detail horse history, anatomy, behavior, breeds, care, and training.

Rosen, Michael J. **Down to Earth**. Harcourt Brace & Co., 1998.
Forty-one authors and illustrators of books for children share their gardening experiences. Includes gardening activities and recipes.

High School (continued)

Scheuring, Ann Foley. **Science and Service**. Regents of the University of California, Division of Agriculture and Natural Resources, 1995.
A scholarly book on the history of the land-grant universities and agriculture in California.

Smith, Bruce. **Emergence of Agriculture**. Scientific American Library, 1995.
The emergence and expansion of agriculture in many places of the world.

Starcher, Allison M. **Good Bugs for Your Garden**. Alogonquin Books of Chapel Hill, 1998.
Pocket-sized hardcover book is full of illustrations of "good bugs." Each figure is surrounded by important facts including size, eating habits, and life cycles.

United States Department of Agriculture. **Agriculture and the Environment: The 1991 Yearbook of Agriculture**. 1991.
Examines environmental concerns facing agriculture and indicates what the USDA does about them. Information on ongoing research and technical assistance available to maintain quality of water, land, air, and food.

United States Department of Agriculture. **Americans in Agriculture: Portraits of Diversity, The 1990 Yearbook of Agriculture**. 1990.
People of American agriculture, their jobs, lives, goals, and families. Includes facts and figures about our food and fiber system.

University of California, Davis. **Shaping Agriculture in the 21st Century**. Agricultural Issues Center, 1995.
The report covers the impact of science, environmental perspective and economic factors that will affect agriculture in the next century.

Viola, Herman J. and Carolyn Margolis. **Seeds of Change**. Smithsonian, 1991.
Words and photos explain the encounter and exchange of plants and animals between the Old and New Worlds and the transformation of peoples and land in the 500 years since Columbus.

Agricultural Web Sites

This list of Web sites was compiled by the California Foundation for Agriculture in the Classroom and is offered as an informational resource. It contains sites established by California agricultural groups, educational organizations, government agencies, universities, and colleges. At the time of this printing, the California Foundation for Agriculture in the Classroom's Resource Review Committee considered these Web sites to have valuable information for educators. The entities or contents of sites on this list are not necessarily endorsed by the California Foundation for Agriculture in the Classroom, the California Farm Bureau Federation, or by the editor.

Company/Organization	Web Site	General Information	Teacher Section	Student Page	Technical Information
4-H Virtual Farm	www.ext.vt.edu/resources/4h/virtualfarm	x	x	x	
Acorn Naturalists	acornnaturalists.com	x	x	x	
Adopt-A-Watershed	www.adopt-a-watershed.org	x	x		
AgExplorer	www.agexplorer.com		x		x
Agricultural Research Magazine	www.ars.usda.gov/is/AR	x	x	x	x
Agriculture Council of America	www.agday.org	x	x	x	
Agri-Education, Inc.	www.agri-ed.com	x	x		
Ag-West Biotech Inc.	www.agwest.sk.ca				x
AIMS Education Foundation	www.AIMSedu.org	x	x	x	
Alabama Agriculture in the Classroom	www.alabamaaitc.org	x	x		
Alaska Agriculture in the Classroom	www.wildak.net/%7Enaegele/AlaskaAITC1.html		x		
American Botanical Society	www.herbalgram.org		x		x
American Chemical Society	chemistry.org	x	x		
American Egg Board	www.aeb.org	x	x	x	x
American Farm Bureau Foundation for Agriculture	www.ageducate.org	x	x		
American Farmland Trust	www.farmland.org	x			x
American Forest and Paper Association	www.afandpa.org	x	x	x	x
American Forests	www.amfor.org	x	x		x
American Phytopathological Society	www.apsnet.org	x	x		x
American Quarter Horse Association	www.aqha.com	x	x	x	
American Sheep Industry Association	www.sheepusa.org	x		x	x
American Society of Agricultural Engineers	www.asae.org	x			x
American Society of Agronomy	www.agronomy.org				x
American Society of Animal Science	www.asas.org	x			x
American Sugar Alliance	www.sugaralliance.org				x
American Water Works Association	www.awwa.org/utility.cfm				x
Anderson Valley Winegrowers Association	www.avwines.com	x			x
Appalachian Hardwood Manufacturers, Inc.	appalachianwood.org	x			x
Apple Hill Growers Association	www.applehill.com	x			x
Arkansas Agriculture in the Classroom	www.arfb.com/programs/classroom.asp	x	x	x	
Associated California Loggers	www.calog.com				x
Association of California Water Agencies	www.acwanet.com	x			x

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Company/Organization	Web Site	General Information	Teacher Section	Student Page	Technical Information
American Farm Bureau Federation	www.fb.org	x	x		
Bad Wolf Press	www.badwolfpress.com		x		
Banana Slug String Band	www.bananaslugstringband.com		x		
Berry Books	www.berrybooks.com		x		
Bio-Rad Laboratories	www.bio-rad.com		x		
Biotechnology Industry Organization	www.bio.org	x			x
Biotechnology Information Center	www.nal./usda.gov/bic	x			x
Blue Diamond Growers	www.bluediamondgrowers.com	x			x
Botanical Society of America	www.botany.org		x		x
Broccoli Town, USA	www.broccoli.com/mainpage.htm		x	x	
Butterfly Sky Farm	www.ButterflySkyFarm.org		x		
Cal Poly Pomona	www.csupomona.edu	x			x
Cal Poly San Luis Obispo	www.calpoly.edu	x			
Calavo Growers	www.calavo.com	x			x
Calcot Ltd.	www.calcot.com	x	x	x	x
California 4-H Youth Development Program	fourh.ucdavis.edu		x		
California Agricultural Statistics Service	www.nass.usda.gov/ca	x			x
California Agricultural Technology Institute, Fresno State	www.atinet.org/cati	x			x
California Agriculture	danr.ucop.edu/calag	x			x
California Apple Commission	www.calapple.org	x			x
California Aquaculture Association	www.caa-aqua.org	x			x
California Association of Nurserymen	www.can-online.org	x	x		x
California Avocado Commission	avocado.org	x	x	x	x
California Beef Council	www.calbeef.org	x			x
California Canning Peach Association	www.calpeach.com	x			x
California Certified Organic Growers	www.ccof.org	x			x
California Cherry Advisory Board	www.calcherry.com	x	x	x	
California Children's 5 A Day Campaign	www.ca5aday.com	x			x
California Christmas Tree Association	www.cachristmas.com	x			x
California Cling Peach Board	www.calclingpeach.com	x			x
California Cut Flower Commission	www.ccfc.org	x	x		x
California Department of Ed Curriculum and Instructional Leadership Branch	www.cde.ca.gov/cilbranch/topics.html	x		x	x
California Department of Fish and Game	www.dfg.ca.gov	x		x	x
California Department of Food and Agriculture	www.cdfa.ca.gov	x	x	x	x
California Department of Food and Agriculture, Red Imported Fire Ants	www.fireant.ca.gov		x		x
California Department of Water Resources	www.dwr.water.ca.gov	x	x	x	x
California Dried Plum Board	www.prunes.org	x			x
California Dry Bean Advisory Board	www.calbeans.com	x		x	x
California Egg Commission	www.eggcom.com/index.htm	x			x
California Farm Bureau Federation	www.cfbf.com				

Web Sites

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Web Sites

Company/Organization	Web Site	General Information	Teacher Section	Student Page	Technical Information
California Farm Equipment Show	www.farmshow.org	x			
California Farm Water Coalition	www.cfwc.com	x	x	x	x
California Federation of Certified Farmers Markets	farmersmarket.ucdavis.edu	x			x
California Fertilizer Foundation	www.calfertilizer.org	x	x		
California Fig Advisory Board	www.californiafigs.com	x			
California Forest Products Commission	www.calforests.org	x	x	x	x
California Forestry Association	www.foresthealth.org				x
California Foundation for Agriculture in the Classroom	www.cfaitc.org		x	x	x
California Fresh Carrot Advisory Board	www.carrots.org	x			
California Heartland	www.californiaheartland.com	x			x
California Integrated Waste Management Board	ciwmb.ca.gov/Schools	x	x	x	
California Kiwifruit Commission	www.kiwifruit.org	x			x
California Macadamia Society	members.aol.com/calmacsociety				x
California Milk Advisory Board	www.calif-dairy.com	x		x	x
California Olive Industry	www.calolive.org	x			x
California Pear Advisory Board	www.calpear.com	x			x
California Pistachio Commission	www.pistachios.org	x			x
California Plant Health Association	www.cpha.net	x			x
California Poultry Federation	www.cpif.org	x			x
California Raisins	www.raisins.org	x			x
California Rare Fruit Growers	www.crfg.org	x			x
California Redwood Association	www.calredwood.org	x			x
California Regional Environmental Education Community	www.CREEC.org	x	x	x	
California Restaurant Association Educational Foundation	www.calrest.org	x	x		x
California Rice Commission	www.calrice.org	x	x		x
California Science Teachers Association	www.cascience.org		x		
California State Fair	www.bigfun.org	x			
California State Grange	www.grange.org	x		x	
California State University System	www.calstate.edu	x			x
California Strawberry Commission	calstrawberry.com	x	x	x	x
California Table Grape Commission	www.tablegrape.com	x	x	x	x
California Thoroughbred Breeders Association	www.ctba.com	x			x
California Tomato Commission	www.tomato.org	x		x	x
California Tomato Growers Association	www.ctga.org	x			x
California Wheat Commission	www.californiawheat.org	x			x
California Women for Agriculture	www.cawomen4ag.com	x			
Cape Cod Cranberry Growers' Association	www.cranberries.org		x		x
CDE Press	www.cde.ca.gov/cdepress		x		
Centennial Farms	www.ocfair.com				x
Center for Agroecology and Sustainable Food Systems	zzyx.ucsc.edu/casfs				

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Company/Organization	Web Site	General Information	Teacher Section	Student Page	Technical Information
Center for Consumer Research	ccr.ucdavis.edu	x			x
Center for Engineering Plants for Resistance Against Pathogens	ceprap.ucdavis.edu	x	x		
Chico State University	www.csuchico.edu	x			
Children's Book Council, The	www.cbcbooks.org		x		
Children's Gardening	www.hort.vt.edu/human/Children'sG.html	x	x	x	
Citrus Research Board	www.citrusresearch.com				x
Coachella Valley Water District	www.cvwd.org	x			
Colorado Foundation for Agriculture	www.growingyourfuture.com		x		
Colusa Farm Show	www.thefarmshow.com	x			
Common Ground Urban Garden Program	celosangeles.ucdavis.edu		x		
Community Alliance with Family Farmers	www.caff.org	x			x
Connecticut Agricultural Education Foundation	www.cfba.org/ed_index.html		x		
Corn World	www.ohiocorn.org	x		x	x
Cotton's Journey	www.cottonsjourney.com		x		
Council for Agricultural Science and Technology	www.cast-science.org				x
Council for Biotechnology Information	www.whybiotech.com	x	x		x
CropLife America	www.croplifeamerica.org	x	x		x
Curious Company	www.curiousco.com		x		
Dairy America	www.dairyamerica.com				x
Dairy Council of California	www.dairycouncilofca.org	x	x	x	
Dawn Publications	www.dawnpub.com		x		
Diamond of California	www.diamondwalnut.com	x			
Dole	www.dole5aday.com	x	x	x	
Easy Garden	www.easy-garden.com	x			
Economics America	economicsamerica.org		x	x	
Education World	www.education-world.com	x	x	x	
Energy Quest	www.energy.ca.gov/education/indes/html	x	x	x	
Entomological Society of America	www.entsoc.org	x			x
EnviroScape	www.enviroscape.com	x	x		
Evan-Moor Corporation	www.evan-moor.com		x		
Evergreen Foundation	www.evergreenmagazine.com	x			x
Famous and Historic Trees	www.historictrees.org	x	x		x
Farm Safety 4 Just Kids	www.fs4jk.org		x	x	
Farm Service Agency	www.fsa.usda.gov	x			x
Farming Game, The	www.farmgame.com		x		
Fertile Ground Books	www.agribooks.com				x
FloralShops.com	www.floralshops.com	x			x
Florida Agriculture in the Classroom	www.fl-ag.com/faitc		x	x	
Food and Fiber Systems Literacy Project	food_fiber.okstate.edu		x	x	
Food, Land and People	www.foodlandpeople.org		x		

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Food Museum	www.foodmuseum.com	x			
Food Safe	foodsafe.ucdavis.edu	x			x
Foothill Hydroponics	foothillhydroponics.com	x			
Forestry Institute for Teachers	www.forestryinstitute.org		x		
Foundation for Teaching Economics	www.fte.org		x	x	
Frank Schaffer Publications	www.frankschaffer.com		x		
Fresh Produce and Floral Council	www.fpfc.org	x	x		x
Fresno Chamber of Commerce	www.fresnochamber.com	x			
Fulcrum Publishing	www.fulcrum-books.com	x			
Fur Commission USA	www.furcommission.com	x	x		
Fuyu Farm	www.fuyufarm.com	x			
Garden Gate Magazine	www.gardengatemagazine.com	x			x
Garden in Every School Project	www.cde.ca.gov/nsd/nets/g_index.htm	x	x		
Gardens for Growing People	svn.net/growpepl		x		
Gateway to Government Food Safety Information	www.foodsafety.gov	x	x	x	x
George Washington-Pioneer Farmer	www.mountvernon.org/pioneer	x	x		
Georgia Agriculture In The Classroom	www.gfb.org/agclass/agclass.html		x		
Good Nature Publishing	www.goodnaturepublishing.com	x			
Great Plant Escape, The	www.urbanext.uiuc.edu/gpe		x	x	
Growing Seasons	www.growingseasons.com		x	x	
Handweavers Guild of America, Inc.	www.weavespindye.org	x			x
Hawaii's Agricultural Gateway	www.hawaiiag.org		x		
Healthy Kids Resource Center	www.californiahealthykids.org		x		x
Heidrick Ag History Center	www.aghistory.org	x			
Heinemann Library	www.heinemannlibrary.com		x		
Hilmar Cheese Company	www.hilmarcheese.com		x		
Historic Tree Nursery	www.historictrees.org	x			x
Honey Expert, The	www.honey.com	x	x	x	x
Illinois Agricultural Association	www.agintheclassroom.org		x	x	
Indiana Agriculture Resource Council	www.indag.org		x		
Indiana Rural Safety and Health Council	www.farmsafety.org	x	x	x	
Insect Lore	www.insectlore.com		x		
Insect Safari	InsectSafari.com			x	
Institute of Food Technologists	www.ift.org		x		x
Interagency Ecological Program	www.iep.ca.gov				x
Internet Gardening	learning.lib.vt.edu/garden/html	x	x		x
Iowa Agricultural Awareness Campaign	www.agaware.lastate.edu		x		
Jack Sprout Inc.	www.jacksprout.com		x		
Junior Master Gardener Program	jmgkids.com	x	x		
Kansas Agriculture in the Classroom	ksagclassroom.org		x	x	

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Kansas Soybean Association	www.kansassoybeans.com	x	x		x
Kentucky Agriculture in the Classroom	www.kyfb.com/aged.htm		x		
Kids CORNer	www.ohiocorn.org/kids		x	x	
KIDSGARDEN	www.kidsgardening.com		x	x	
Kings River Conservation District	www.krcd.org	x		x	x
Lab-Aids, Inc.	www.sepup.com		x		
Lawrence Hall of Science	www.LHS.berkeley.edu		x	x	
Leading Object	www.leadingobject.com		x		
Libraries Unlimited	www.lu.com		x		
Life Lab Science Program	www.lifelab.org		x		
Long Beach Organic	longbeachorganic.org	x			x
Louisiana Agriculture in the Classroom	www.lfbf.org/member_services/ag_in_the_classroom/index.html		x		
Magic School Bus	www.scholastic.com/magicschoolbus		x	x	
Maine Agriculture in the Classroom	www.bairnet.org/organizations/agclass/homepage.htm		x		
Marin Agricultural Land Trust	www.malt.org				x
Maryland Agriculture in the Classroom	mdaginclassroom.com		x		
Massachusetts Agriculture in the Classroom	www.umass.edu/umext/mac		x		
Millennium Green	www.millenniumgreen.usda.gov	x		x	
Minnesota Agriculture in the Classroom	www.mda.state.mn.us/maitc		x		
Mississippi Agriculture in the Classroom	www.msfb.com/programs/agclass.html		x	x	
Monarch Watch	www.monarchwatch.org	x	x		x
Moo Milk	www.moomilk.com		x	x	
Mushroom Council, The	www.mushroomcouncil.com	x			
NASA Kids	www.nasakids.com		x	x	
National 4-H Bookstore	www.4hbookstore.org		x		
National 4-H Council	www.fourhcouncil.edu		x		
National Agricultural Biotechnology Council	www..cals.cornell.edu/extension/nabc	x			x
National Agricultural Library	www.nal.usda.gov				x
National Arbor Day Foundation	www.arborday.org		x	x	x
National Association of Biology Teachers	www.nabt.org		x		
National Association of Conservation Districts	www.nacdnet.org	x	x		x
National Cattlemen's Beef Association	www.teachfree.com		x	x	x
National Christmas Tree Association	www.realtrees4kids.org	x	x	x	
National Corn Growers Association	www.ncga.com	x	x	x	x
National Cotton Council	www.cotton.org	x	x		x
National Cottonseed Products Association, Inc.	www.cottonseed.com	x	x		x
National Council on Economic Education	www.ncee.net		x	x	
National Dairy Council	www.nutritionexplorations.org	x	x	x	x
National FFA Organization	ffa.org		x	x	
National Fluid Milk Processor Promotion Board	www.whymilk.com	x		x	

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National Gardening Association	www.garden.org	x	x		
National Geographic Society	nationalgeographic.com	x	x		x
National Honey Board	nhb.org	x			x
National Mining Association	www.nma.org		x		x
National Pasta Association	www.ilovepasta.org	x			x
National Pork Producers Council	www.otherwhitemeat.com	x	x	x	x
National Potato Promotion Board	www.potatohelp.com				x
National Science Teachers Association	www.nsta.org		x	x	
National Sunflower Association	www.sunflowernsa.com	x			x
National Watermelon Promotion Board	www.watermelon.org	x	x	x	x
Naturipe Berry Growers	www.naturipe.com	x			x
NEAT Solutions	www.neatsolutions.com		x	x	
Nebraska Agriculture in the Classroom	www.fb.com/nefb/ag-ed		x		
New Hampshire Agriculture in the Classroom	pubpages.unh.edu/~pcj/aitc/html		x		
New Jersey Agricultural Society	www.state.nj.us/agriculture/agsociety/classroom.htm		x		
New York Agriculture in the Classroom	cerp.cornell.edu/AITC		x		
New York Apple Association	nyapplecountry.com	x	x	x	
North American Blueberry Council	blueberry.org	x	x	x	x
North Carolina Sweet Potato Commission	www.ncsweetpotatoes.com	x	x	x	
Nutrition for Kids	nutritionforkids.com	x	x		
Oakdale Irrigation District	www.sonnet.com/usr/oid/index.html				x
Ocean Mist Farms	www.oceanmist.com	x	x	x	x
Ohio Agriculture in the Classroom	www.ohio-aitc.org		x	x	
Oklahoma Agriculture in the Classroom	www.clover.okstate.edu/fourh/aitc		x		
Orange County Fair and Exposition Center	www.ocfair.com	x	x	x	x
Oregon Agriculture in the Classroom	aitc.orst.edu		x		
Oregon/Washington/California Pear Bureau	www.usapears.com			x	x
Pacific Coast Producers	www.pcoastp.com				x
Pacific Coast Quarter Horse Association	www.pcqha.com				x
Peanut Butter	www.peanutbutterlovers.com	x			x
Pendleton Woolen Mills	www.pendleton-usa.com/index.cfm?action=about	x	x		x
Pennsylvania Agriculture in the Classroom	www.cas.psu.edu/docs/CASPROF/agclassroom/agclassroom.html	x			
Pizza Farm	pizzafarm.org		x		
Planet Pals	www.planetpals.com		x	x	
Plant Doctor	www.plantdoctor.org		x		
Popcorn Institute, The	www.popcorn.org		x	x	x
Produce for Better Health Foundation	www.5aday.com	x	x	x	x
Produce Facts	postharvest.ucdavis.edu/Produce/ProduceFacts/indes.html	x			x
Project Learning Tree	www.plt.org		x		
Pumpkin Circle	www.pumpkincircle.com		x		

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Purina Mills, Dairy	dairy.purina-mills.com		x		
Real California Cheese	www.realcaliforniacheese.com	x		x	x
Retailer's Bakery Association	www.rbanet.com	x			x
Riceweb	www.riceweb.org				x
San Diego Water Authority	www.sdcwa.org	x	x	x	x
San Luis Obispo CattleWomen	www.cattlewomen-slo.org		x	x	x
Sci4Kids	www.ars.usda.gov/is/kids		x	x	
Seeds of Change Garden	www.mnh.si.edu/garden	x	x		x
Shelburne Farms	www.shelburnefarms.org	x	x		
Sid's home and Garden Showplace	www.sidsgreenhouses.com/www/newsltr/Winter97/97wi06.html		x	x	x
SmartPicks, Inc.	www.smartpicks.com	x	x		
Society of American Florists	www.safnow.org	x			x
Society of Wood Science and Technology	swst.org	x			x
Soil and Water Conservation Society	www.swcs.org				x
Sonoma County Wineries Association	www.sonomawine.com	x			
South Dakota Agriculture in the Classroom	www.sdagclassroom.org		x	x	
Sugar Association	www.sugar.org	x	x	x	x
Sunkist	www.sunkist.com	x		x	x
Sustainable Agriculture Publications	www.sare.org	x			x
Talk About Trees	www.talkabouttrees.org	x	x	x	
Teacher Ideas Press	www.lu.com		x		
Tennessee Agriculture in the Classroom	www.tnfb.com/specialprograms/agclass.htm		x		
Texas Farm Bureau and Youth Activities	www.txfb.org/educate/aitc.htm		x	x	
The Great Body Shop	www.thegreatbodyshop.net		x		
Treetures	www.treetures.com		x	x	x
UC Agriculture and Natural Resources (DANR)	anrcatalog.ucdavis.edu		x		x
UC Berkeley College of Natural Resources	www.cnr.berkeley.edu	x			
UC Biotechnology Program	www.biotech.ucdavis.edu	x			x
UC Davis College of Agriculture	www.aes.ucdavis.edu	x			
UC Davis Department of Pomology	pom.ucdavis.edu				x
UC Integrated Pest Management Project	www.ipm.ucdavis.edu				x
UC Kearney Agricultural Center	www.uckac.edu				x
UC Riverside College of Agriculture	cnas.ucr.edu	x			x
UC Sustainable Agriculture Research and Education Program	www.sarep.ucdavis.edu	x	x		x
US Apple Association	www.usapple.org		x		
US Department of Agriculture	www.usda.gov	x			x
US Department of Agriculture and Natural Resources	anrcs.ucdavis.edu	x			
US Environmental Protection Agency	www.epa.gov	x	x	x	x
US Food and Drug Administration for Veterinary Medicine	www.fda.gov/cvm	x			x
US House Agriculture Committee	www.house.gov/agriculture				x

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USA Rice Federation	www.usarice.com	x			x
USDA Agriculture in the Classroom	www.agclassroom.org		x	x	
Utah Agriculture in the Classroom	www.extension.usu.edu/aitc		x		
VermiCo	www.vermico.com	x			x
Vermont Agriculture in the Classroom	www.state.vt.us/agric/AITC		x		
Video Placement Worldwide	www.vpw.com		x		
Virginia Agriculture in the Classroom	www.vafb.com/aitc.htm		x		
Virginia-Carolina Peanuts	www.aboutpeanuts.com	x	x	x	
Visual Education Products	www.cevmultimedia.com		x		
Walnut Marketing Board	www.walnuts.org		x		x
Washington Agriculture in the Classroom	www.caic.net	x	x		
Water Education Foundation	www.watereducation.org	x	x		
Weekend Farmer, The	www.farmgame.com		x		
West Virginia Agriculture in the Classroom	www.wvu.edu/%7Eexten/depts/co/berkeley/aitc/wvaitc.htm	x			
What's It Like Where You Live?	www.mobot.org/MBGnet/frames/main.htm		x	x	
White House	www.whitehouse.gov	x			x
Williamson Publishing Company	www.williamsonbooks.com	x			
Wisconsin Fast Plants	fastplants.org	x	x		
Woodlinks	www.woodlinks.com		x		
Worm Drive—The Musical	www.wormdrivemusical.com		x		
Worm Woman	www.wormwoman.com		x		x
Wyoming Agriculture in the Classroom	www.wyoagcenter.com/waic/classroom.html		x		

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I have seen or created the following resource and recommend that the CFAITC Educational Resource Committee review it for possible inclusion in the *2003 Teacher Resource Guide* or other CFAITC publication.

Recommender's Name _____

Phone Number _____

NOTE: Please provide as much information as you can about the resource so a review copy can be obtained.

Type of Resource (book, kit, video, etc.)_____

Name of Resource _____

Brief Description _____

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Grade Level (s)_____ Cost_____

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2002 Teacher Resource Guide

Evaluation Form

Once you have had the opportunity to use this *Teacher Resource Guide*, please take a few moments to complete this evaluation form. This guide is intended to help you, the educator, bring agricultural education into your teaching. Please let us know if we met this goal. We value your opinion.

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Please rank the following questions from 1 to 5.	(1-needs improvement, 3-satisfactory, 5-excellent)				
1. Includes information I can use.	1	2	3	4	5
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4. Information was current and correct.	1	2	3	4	5
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6. In next year's Teacher Resource Guide, I would like to see _____

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